ADDIMAX
CABLE TRAY SYSTEMS

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ADDIMAX Cable Tray Systems
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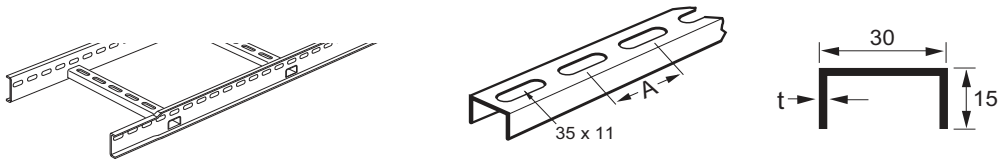
Cable Ladder Systems-Light Duty

» Overview

Integral couplers on straight lengths and fittings enable joints to be made quickly and easily, thereby reducing installation time. Rung spacing is 300 mm between centres. Standard radius for fittings is 300 mm.

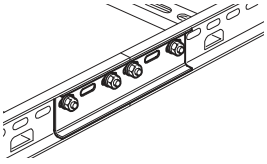
» Straight Section



Ordering Code	Width	Straight Lengths	Rung Details	
			Rung Thickness (t)	Accessory Rung Pitch A
	mm	m	mm	mm
CL150	150	3	1.0(rung length up to 300)/1.5(rung length above 300)	49.0
CL300	300	3	1.0(rung length up to 300)/1.5(rung length above 300)	49.5
CL450	450	3	1.0(rung length up to 300)/1.5(rung length above 300)	49.7

» Coupler Set

These coupler sets are supplied in pairs with fasteners, required only where ladder has been cut to length. When joining a cut length to an uncut length or a fitting only one coupler is required.



» Fastener Set

Fastener sets are supplied in packs, consists of M6×16 set screws, M6 nuts, M6 roofing washers, M6 shakeproof washers.

» Fittings

Flat bends

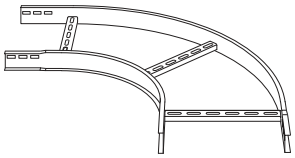
Flat bends are used to assist in the installation of a complete cable ladder run following a centre-line drawing.

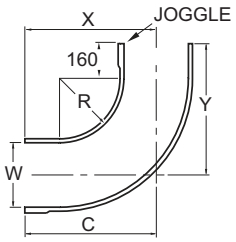
X = length of fitting from each 'end' of centre-line (not including integral coupler)

Y = length from each 'end' of the fitting to the point at which the centre-lines intersect (not including integral coupler)

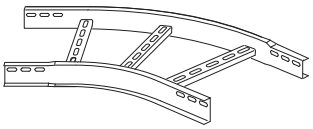
C = length of the centre-line from each 'end' of the fitting to the point at which the centre-lines intersect (not including integral coupler)

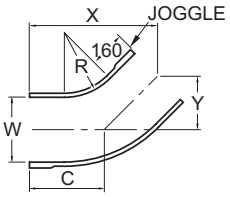
90°





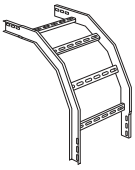
45°

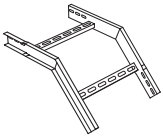




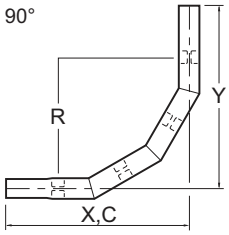
Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLFB15090300	150	300	90	534	534	534
CLFB30090300	300	300	90	609	609	609
CLFB45090300	450	300	90	684	684	684
CLFB15045300	150	300	45	537	223	315
CLFB30045300	300	300	45	590	244	346
CLFB45045300	450	300	45	643	266	377

Risers

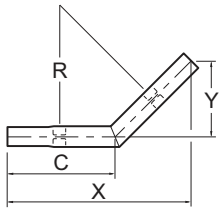




90°



45°

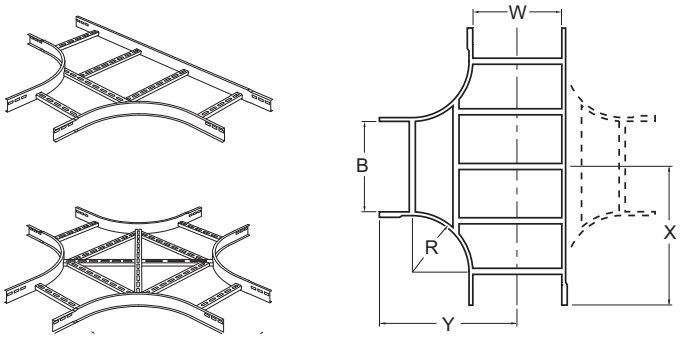


Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLIR15090300	150	300	90	450	450	450

Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLIR30090300	300	300	90	450	450	450
CLIR45090300	450	300	90	450	450	450
CLIR15045300	150	300	45	443	183.5	260
CLIR30045300	300	300	45	443	183.5	260
CLIR45045300	450	300	45	443	183.5	260

CLIR represents inside riser. CLIR will be changed to CLOR if inside riser is changed to outside riser.

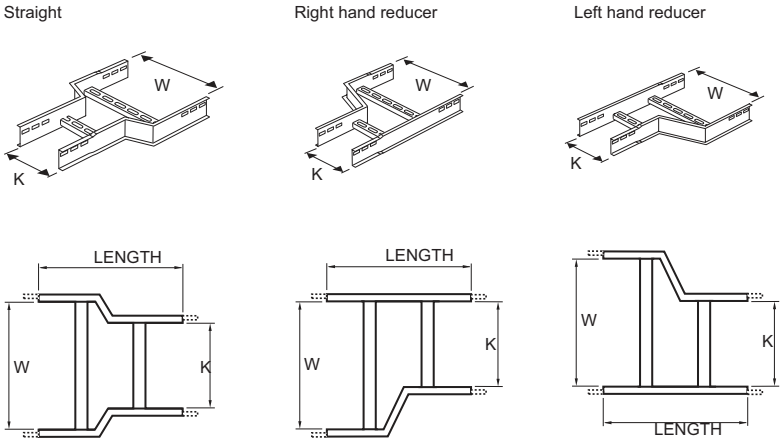
Equal tees and 4 way crosspieces



Ordering Code	Width(W)	Radius(R)	Equal Tees Width(X/Y)
	mm	mm	mm
CLT150300	150	300	534
CLT300300	300	300	609
CLT450300	450	300	684

T represents equal tee. CLT will be changed to CLX if equal tee is changed to 4 way crosspiece.

Reducers

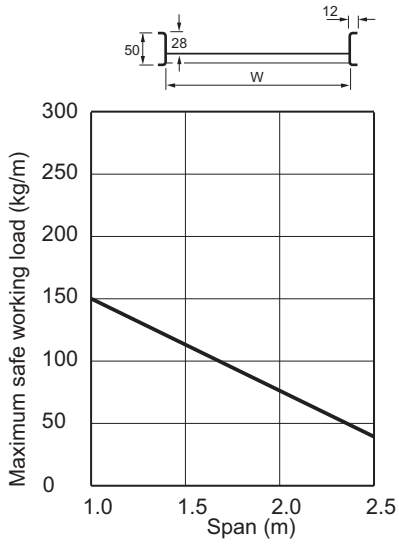


Ordering Code	Width(W)	Width(K)	Straight Reducer Length	Offset Reducer Length
	mm	mm	mm	mm
CLSR300100	300	100	450	450
CLSR300150	300	150	450	450
CLSR300225	300	225	400	450
CLSR450100	450	100	450	550
CLSR450150	450	150	450	500
CLSR450225	450	225	450	500
CLSR450300	450	300	450	450

CLSR represents straight reducer. CLSR will be changed to CLLR if straight reducer is changed to left hand offset reducer. CLSR will be changed to CLRR if straight reducer is changed to right hand offset reducer.

» Loading Graphs

The loads shown on the graph are the safe recommended maximum loads that can be applied and must include wind, snow and any other external forces in addition to the cable load. The graphs show the maximum load for ladder installed at a support spacing within its recommended range. When the graph line is above the intersection of the required load and span lines, the support equipment is suitable for use within those load and span conditions. The graphs shown are for galvanised and deep galvanised finishes.

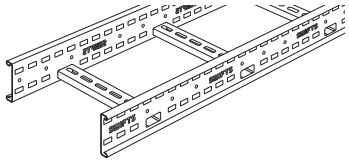


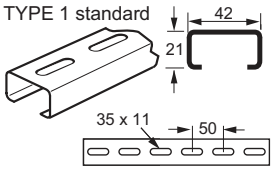
Cable Ladder Systems-Medium Duty

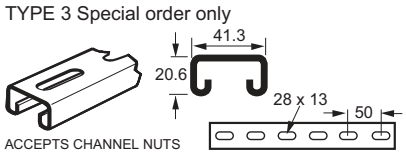
» Overview

Use fastener sets for connecting fittings to straight lengths. Rung spacing is 300 mm between centres. Standard radius for fittings is 300 and 600 mm.

» Straight Section





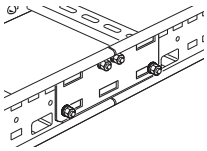


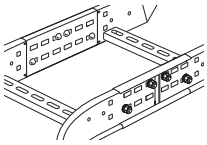
Ordering Code	Width	Straight Lengths
	mm	m
CLM150	150	3
CLM300	300	3
CLM450	450	3
CLM600	600	3
CLM750	750	3
CLM900	900	3

» Coupler Sets

Note: when connecting straight lengths to straight lengths even when ladder is cut to length, the slots in the coupler will always align with slots in the ladder side rail. When bolting to cut ends adjust coupler to ensure 4 bolts can be inserted.

Coupler sets are supplied in pairs with fasteners (4 per coupler), used to couple straight lengths to straight lengths or fitting to fitting.





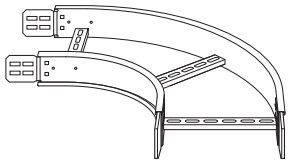
» Fastener Sets

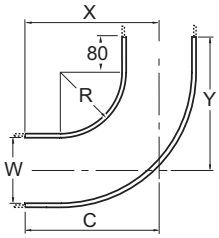
Comprise M10 coach bolt, flat washer, spring washer and nut. Type: hot dip galvanised/ stainless steel.

» Fittings

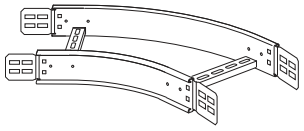
Flat bends

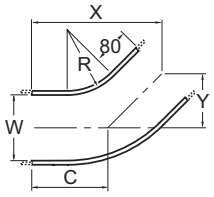
90°





45°





Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLMFB15090300	150	300	90	453	453	453
CLMFB15090450	150	450	90	603	603	603
CLMFB15090600	150	600	90	753	753	753
CLMFB15090750	150	750	90	903	903	903
CLMFB15090900	150	900	90	1053	1053	1053
CLMFB30090300	300	300	90	528	528	528
CLMFB30090450	300	450	90	678	678	678
CLMFB30090600	300	600	90	828	828	828
CLMFB30090750	300	750	90	978	978	978
CLMFB30090900	300	900	90	1128	1128	1128
CLMFB45090300	450	300	90	603	603	603
CLMFB45090450	450	450	90	753	753	753
CLMFB45090600	450	600	90	903	903	903
CLMFB45090750	450	750	90	1053	1053	1053
CLMFB45090900	450	900	90	1203	1203	1203
CLMFB60090300	600	300	90	678	678	678
CLMFB60090450	600	450	90	828	828	828
CLMFB60090600	600	600	90	978	978	978
CLMFB60090750	600	750	90	1128	1128	1128
CLMFB60090900	600	900	90	1278	1278	1278
CLMFB75090300	750	300	90	753	753	753
CLMFB75090450	750	450	90	903	903	903

Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLMFB75090600	750	600	90	1053	1053	1053
CLMFB75090750	750	750	90	1203	1203	1203
CLMFB75090900	750	900	90	1353	1353	1353
CLMFB90090300	900	300	90	828	828	828
CLMFB90090450	900	450	90	978	978	978
CLMFB90090600	900	600	90	1128	1128	1128
CLMFB90090750	900	750	90	1278	1278	1278
CLMFB90090900	900	900	90	1428	1428	1428
CLMFB15045300	150	300	45	400	166	235
CLMFB15045450	150	450	45	506	210	297
CLMFB15045600	150	600	45	612	254	359
CLMFB15045750	150	750	45	719	298	420
CLMFB15045900	150	900	45	825	342	483
CLMFB30045300	300	300	45	453	188	266
CLMFB30045450	300	450	45	559	230	328
CLMFB30045600	300	600	45	665	276	390
CLMFB30045750	300	750	45	722	320	452
CLMFB30045900	300	900	45	878	364	514
CLMFB45045300	450	300	45	506	210	297
CLMFB45045450	450	450	45	612	254	359
CLMFB45045600	450	600	45	719	298	421
CLMFB45045750	450	750	45	825	342	483
CLMFB45045900	450	900	45	931	385	545
CLMFB60045300	600	300	45	559	232	328
CLMFB60045450	600	450	45	665	276	390
CLMFB60045600	600	600	45	772	320	452
CLMFB60045750	600	750	45	878	364	514
CLMFB60045900	600	900	45	984	407	576
CLMFB75045300	750	300	45	612	254	359
CLMFB75045450	750	450	45	719	298	421
CLMFB75045600	750	600	45	825	342	483
CLMFB75045750	750	750	45	931	385	545
CLMFB75045900	750	900	45	1037	429	607
CLMFB90045300	900	300	45	665	276	390
CLMFB90045450	900	450	45	772	320	452
CLMFB90045600	900	600	45	878	364	514
CLMFB90045750	900	750	45	984	407	576
CLMFB90045900	900	900	45	1090	451	638

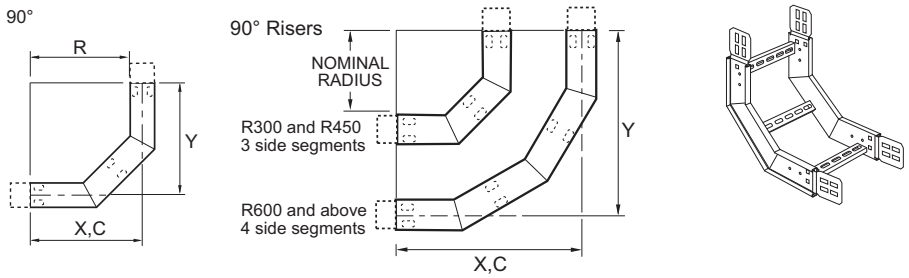
X = length of fitting from each 'end' of centre-line (not including integral coupler)

Y = length from each 'end' of the fitting to the point at which the centre-lines intersect (not including integral coupler)

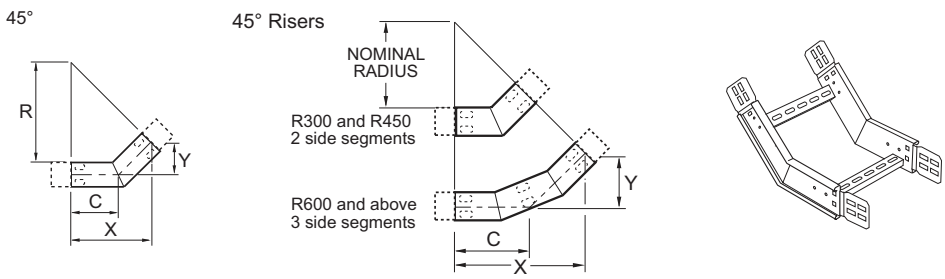
C = length of the centre-line from each 'end' of the fitting to the point at which the centre-lines intersect (not including integral coupler)

Risers

60°and 30°bends can be offered upon request.



90° risers, 600R and above have 4 side segments



45° risers, 600R and above have 3 side segments

Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLMIR15090300	150	300	90	350	350	350
CLMIR15090450	150	450	90	500	500	500
CLMIR15090600	150	600	90	650	650	650
CLMIR15090750	150	750	90	800	800	800
CLMIR15090900	150	900	90	950	950	950
CLMIR30090300	300	300	90	350	350	350
CLMIR30090450	300	450	90	500	500	500
CLMIR30090600	300	600	90	650	650	650
CLMIR30090750	300	750	90	800	800	800
CLMIR30090900	300	900	90	950	950	950
CLMIR45090300	450	300	90	350	350	350
CLMIR45090450	450	450	90	500	500	500
CLMIR45090600	450	600	90	650	650	650
CLMIR45090750	450	750	90	800	800	800
CLMIR45090900	450	900	90	950	950	950
CLMIR60090300	600	300	90	350	350	350
CLMIR60090450	600	450	90	500	500	500
CLMIR60090600	600	600	90	650	650	650
CLMIR60090750	600	750	90	800	800	800

Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLMIR60090900	600	900	90	950	950	950
CLMIR75090300	750	300	90	350	350	350
CLMIR75090450	750	450	90	500	500	500
CLMIR75090600	750	600	90	650	650	650
CLMIR75090750	750	750	90	800	800	800
CLMIR75090900	750	900	90	950	950	950
CLMIR90090300	900	300	90	350	350	350
CLMIR90090450	900	450	90	500	500	500
CLMIR90090600	900	600	90	650	650	650
CLMIR90090750	900	750	90	800	800	800
CLMIR90090900	900	900	90	950	950	950
CLMIR15045300	150	300	45	247	103	145
CLMIR15045450	150	450	45	354	146	207
CLMIR15045600	150	600	45	460	190	269
CLMIR15045750	150	750	45	566	234	331
CLMIR15045900	150	900	45	673	278	394
CLMIR30045300	300	300	45	247	103	145
CLMIR30045450	300	450	45	354	146	207
CLMIR30045600	300	600	45	460	190	269
CLMIR30045750	300	750	45	566	234	331
CLMIR30045900	300	900	45	673	278	394
CLMIR45045300	450	300	45	247	103	145
CLMIR45045450	450	450	45	354	146	207
CLMIR45045600	450	600	45	460	190	269
CLMIR45045750	450	750	45	566	234	331
CLMIR45045900	450	900	45	673	278	394
CLMIR60045300	600	300	45	247	103	145
CLMIR60045450	600	450	45	354	146	207
CLMIR60045600	600	600	45	460	190	269
CLMIR60045750	600	750	45	566	234	331
CLMIR60045900	600	900	45	673	278	394
CLMIR75045300	750	300	45	247	103	145
CLMIR75045450	750	450	45	354	146	207
CLMIR75045600	750	600	45	460	190	269
CLMIR75045750	750	750	45	566	234	331
CLMIR75045900	750	900	45	673	278	394
CLMIR90045300	900	300	45	247	103	145
CLMIR90045450	900	450	45	354	146	207
CLMIR90045600	900	600	45	460	190	269
CLMIR90045750	900	750	45	566	234	331
CLMIR90045900	900	900	45	673	278	394

CLMIR represents inside riser. CLMIR will be changed to CLMOR if inside riser is changed to outside riser.

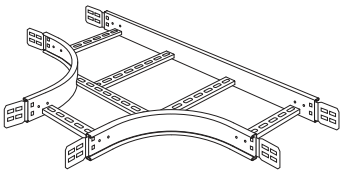
Equal tees or 4 way crosspieces

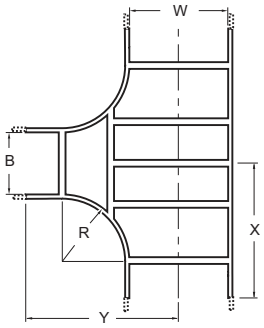
X and Y dimensions are given to assist in the installation of a complete cable ladder run following a centre-line drawing.

X = length of fitting from each 'end' of centre-line

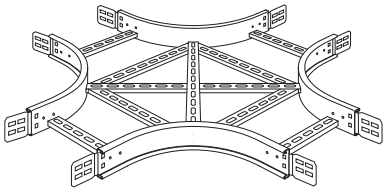
Y = length from each 'end' of the fitting to the point at which the centerlines intersect

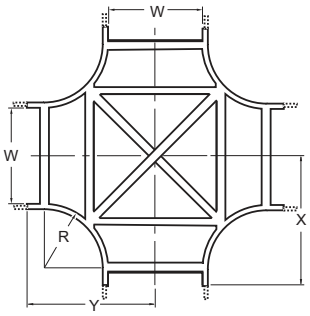
Equal tees





4 way crosspieces





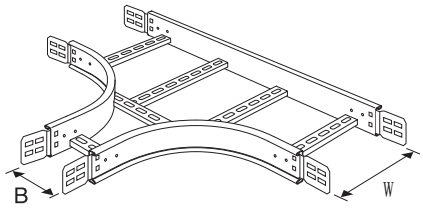
Ordering Code	Width(W)	Radius(R)	Equal Tees Width(X/Y)
	mm	mm	mm
CLMT150300	150	300	454
CLMT150450	150	450	604
CLMT150600	150	600	754
CLMT150750*	150	750	904
CLMT150900*	150	900	1054
CLMT300300	300	300	529
CLMT300450	300	450	679
CLMT300600	300	600	829
CLMT300750*	300	750	979
CLMT300900*	300	900	1129
CLMT450300	450	300	604
CLMT450450	450	450	754
CLMT450600*	450	600	904
CLMT450750*	450	750	1054
CLMT450900*	450	900	1204
CLMT600300	600	300	679

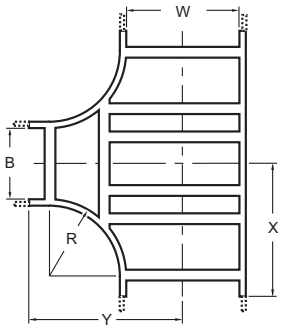
Ordering Code	Width(W)	Radius(R)	Equal Tees Width(X/Y)
	mm	mm	mm
CLMT600450	600	450	829
CLMT600600*	600	600	979
CLMT600750*	600	750	1129
CLMT600900*	600	900	1279
CLMT750300	750	300	754
CLMT750450*	750	450	904
CLMT750600*	750	600	1054
CLMT750750*	750	750	1204
CLMT750900*	750	900	1354
CLMT900300	900	300	829
CLMT900450*	900	450	979
CLMT900600*	900	600	1129
CLMT900750*	900	750	1279
CLMT900900*	900	900	1429

*: Supplied in 2 parts for assembly on site

CLMT represents equal tee. CLMT will be changed to CLMX if equal tee is changed to 4 way crosspiece.

Unequal tees





Ordering Code	Width(W)	Branch(B)	Radius(R)	Unequal Tees Width	
				X	Y
	mm	mm	mm	mm	mm
CLMUT150300300	150	300	300	528	453
CLMUT150300450	150	300	450	678	603
CLMUT150300600	150	300	600	828	753
CLMUT150300750*	150	300	750	978	903
CLMUT150300900*	150	300	900	1128	1053
CLMUT150450300	150	450	300	603	453
CLMUT150450450	150	450	450	753	603
CLMUT150450600*	150	450	600	903	753
CLMUT150450750*	150	450	750	1053	903

Ordering Code	Width(W)	Branch(B)	Radius(R)	Unequal Tees Width	
				X	Y
	mm	mm	mm	mm	mm
CLMUT150450900*	150	450	900	1203	1053
CLMUT150600300	150	600	300	678	453
CLMUT150600450	150	600	450	828	603
CLMUT150600600*	150	600	600	978	753
CLMUT150600750*	150	600	750	1128	903
CLMUT150600900*	150	600	900	1278	1053
CLMUT150750300	150	750	300	753	453
CLMUT150750450*	150	750	450	903	603
CLMUT150750600*	150	750	600	1053	753
CLMUT150750750*	150	750	750	1203	903
CLMUT150750900*	150	750	900	1353	1053
CLMUT150900300	150	900	300	828	453
CLMUT150900450*	150	900	450	978	603
CLMUT150900600*	150	900	600	1128	753
CLMUT150900750*	150	900	750	1278	903
CLMUT150900900*	150	900	900	1428	1053
CLMUT300150300	300	150	300	453	528
CLMUT300150450	300	150	450	603	678
CLMUT300150600	300	150	600	753	828
CLMUT300150750*	300	150	750	903	978
CLMUT300150900*	300	150	900	1053	1128
CLMUT300450300	300	450	300	603	528
CLMUT300450450	300	450	450	753	678
CLMUT300450600*	300	450	600	903	828
CLMUT300450750*	300	450	750	1053	978
CLMUT300450900*	300	450	900	1203	1128
CLMUT300600300	300	600	300	678	528
CLMUT300600450	300	600	450	828	678
CLMUT300600600*	300	600	600	978	828
CLMUT300600750*	300	600	750	1128	978
CLMUT300600900*	300	600	900	1278	1128
CLMUT300750300	300	750	300	753	528
CLMUT300750450*	300	750	450	903	678
CLMUT300750600*	300	750	600	1053	828
CLMUT300750750*	300	750	750	1203	978
CLMUT300750900*	300	750	900	1353	1128
CLMUT300900300	300	900	300	828	528
CLMUT300900450*	300	900	450	978	678
CLMUT300900600*	300	900	600	1128	828
CLMUT300900750*	300	900	750	1278	978
CLMUT300900900*	300	900	900	1428	1128
CLMUT450150300	450	150	300	453	603
CLMUT450150450	450	150	450	603	753

ADDIMAX Cable Tray Systems
Cable Ladder Systems

Ordering Code	Width(W)	Branch(B)	Radius(R)	Unequal Tees Width	
				X	Y
	mm	mm	mm	mm	mm
CLMUT450150600	450	150	600	753	903
CLMUT450150750*	450	150	750	903	1053
CLMUT450150900*	450	150	900	1053	1203
CLMUT450300300	450	300	300	528	603
CLMUT450300450	450	300	450	678	753
CLMUT450300600*	450	300	600	828	903
CLMUT450300750*	450	300	750	978	1053
CLMUT450300900*	450	300	900	1128	1203
CLMUT450600300	450	600	300	678	603
CLMUT450600450	450	600	450	828	753
CLMUT450600600*	450	600	600	978	903
CLMUT450600750*	450	600	750	1128	1053
CLMUT450600900*	450	600	900	1278	1203
CLMUT450750300	450	750	300	753	602
CLMUT450750450*	450	750	450	903	753
CLMUT450750600*	450	750	600	1053	903
CLMUT450750750*	450	750	750	1203	1053
CLMUT450750900*	450	750	900	1353	1203
CLMUT450900300	450	900	300	828	603
CLMUT450900450*	450	900	450	978	753
CLMUT450900600*	450	900	600	1128	903
CLMUT450900750*	450	900	750	1278	1053
CLMUT450900900*	450	900	900	1428	1203
CLMUT600150300	600	150	300	453	678
CLMUT600150450	600	150	450	603	828
CLMUT600150600	600	150	600	753	978
CLMUT600150750*	600	150	750	903	1128
CLMUT600150900*	600	150	900	1053	1278
CLMUT600300300	600	300	300	528	678
CLMUT600300450	600	300	450	678	828
CLMUT600300600*	600	300	600	828	978
CLMUT600300750*	600	300	750	978	1128
CLMUT600300900*	600	300	900	1128	1278
CLMUT600450300	600	450	300	603	678
CLMUT600450450	600	450	450	753	828
CLMUT600450600*	600	450	600	903	978
CLMUT600450750*	600	450	750	1053	1128
CLMUT600450900*	600	450	900	1203	1278
CLMUT600750300	600	750	300	753	678
CLMUT600750450*	600	750	450	903	828
CLMUT600750600*	600	750	600	1053	978
CLMUT600750750*	600	750	750	1203	1128
CLMUT600750900*	600	750	900	1353	1278

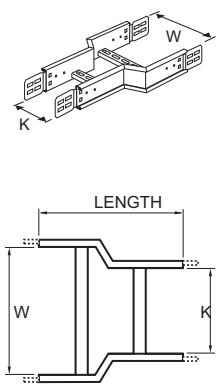
Ordering Code	Width(W)	Branch(B)	Radius(R)	Unequal Tees Width	
				X	Y
	mm	mm	mm	mm	mm
CLMUT600900300	600	900	300	828	678
CLMUT600900450*	600	900	450	978	828
CLMUT600900600*	600	900	600	1128	978
CLMUT600900750*	600	900	750	1278	1128
CLMUT600900900*	600	900	900	1428	1278
CLMUT750150300	750	150	300	453	753
CLMUT750150450	750	150	450	603	903
CLMUT750150600	750	150	600	753	1053
CLMUT750150750*	750	150	750	903	1203
CLMUT750150900*	750	150	900	1053	1353
CLMUT750300300	750	300	300	528	753
CLMUT750300450	750	300	450	678	903
CLMUT750300600*	750	300	600	828	1053
CLMUT750300750*	750	300	750	978	1203
CLMUT750300900*	750	300	900	1128	1353
CLMUT750450300	750	450	300	603	753
CLMUT750450450	750	450	450	753	903
CLMUT750450600*	750	450	600	903	1053
CLMUT750450750*	750	450	750	1053	1203
CLMUT750450900*	750	450	900	1203	1353
CLMUT750600300	750	600	300	678	753
CLMUT750600450*	750	600	450	828	903
CLMUT750600600*	750	600	600	978	1053
CLMUT750600750*	750	600	750	1128	1203
CLMUT750600900*	750	600	900	1278	1353
CLMUT750900300	750	900	300	828	753
CLMUT750900450*	750	900	450	978	903
CLMUT750900600*	750	900	600	1128	1053
CLMUT750900750*	750	900	750	1278	1203
CLMUT750900900*	750	900	900	1428	1353
CLMUT900150300	900	150	300	453	828
CLMUT900150450	900	150	450	603	978
CLMUT900150600	900	150	600	753	1128
CLMUT900150750*	900	150	750	903	1278
CLMUT900150900*	900	150	900	1053	1428
CLMUT900300300	900	300	300	528	828
CLMUT900300450	900	300	450	678	978
CLMUT900300600*	900	300	600	828	1128
CLMUT900300750*	900	300	750	978	1278
CLMUT900300900*	900	300	900	1128	1428
CLMUT900450300	900	450	300	603	828
CLMUT900450450	900	450	450	753	978
CLMUT900450600*	900	450	600	903	1128

Ordering Code	Width(W)	Branch(B)	Radius(R)	Unequal Tees Width	
				X	Y
	mm	mm	mm	mm	mm
CLMUT900450750*	900	450	750	1053	1278
CLMUT900450900*	900	450	900	1203	1428
CLMUT900600300	900	600	300	678	828
CLMUT900600450*	900	600	450	828	978
CLMUT900600600*	900	600	600	978	1128
CLMUT900600750*	900	600	750	1128	1278
CLMUT900600900*	900	600	900	1278	1428
CLMUT900750300	900	750	300	753	828
CLMUT900750450*	900	750	450	903	978
CLMUT900750600*	900	750	600	1053	1128
CLMUT900750750*	900	750	750	1203	1278
CLMUT900750900*	900	750	900	1353	1428

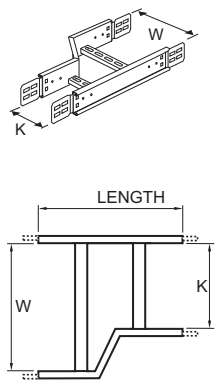
*: Supplied in 2 parts for assembly on site

Reducers

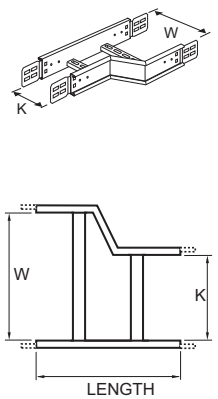
Straight



Right hand reducer



Left hand reducer



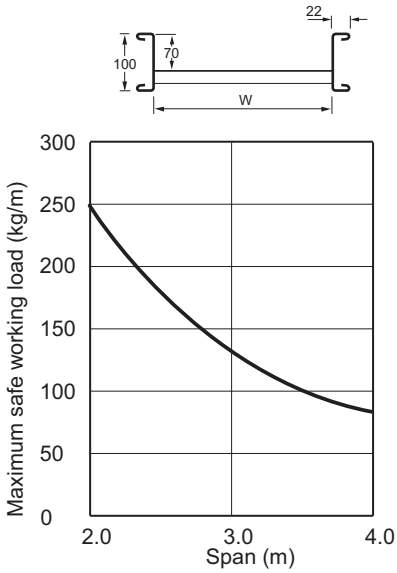
Ordering Code	Width(W)	Width(K)	Straight Reducer Length	Offset Reducer Length
	mm	mm	mm	mm
CLMSR300150	300	150	450	450
CLMSR450150	450	150	450	450
CLMSR450300	450	300	450	450
CLMSR600150	600	150	500	550
CLMSR600300	600	300	450	500
CLMSR600450	600	450	450	450
CLMSR750150	750	150	500	600
CLMSR750300	750	300	500	550
CLMSR750450	750	450	450	500
CLMSR750600	750	600	450	450
CLMSR900150	900	150	550	650

Ordering Code	Width(W)	Width(K)	Straight Reducer Length	Offset Reducer Length
	mm	mm	mm	mm
CLMSR900300	900	300	500	600
CLMSR900450	900	450	500	550
CLMSR900600	900	600	450	500
CLMSR900750	900	750	450	450

CLMSR represents straight reducer. CLMSR will be changed to CLMLR if straight reducer is changed to left hand offset reducer. CLMSR will be changed toCLMRR if straight reducer is changed to right hand offset reducer.

» Loading Graphs

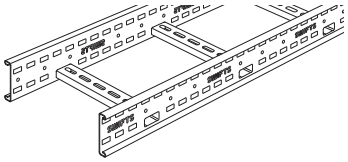
The loads shown on the graph are the safe recommended maximum loads that can be applied and must include wind, snow and any other external forces in addition to the cable load. The graphs show the maximum load for ladder installed at a support spacing within its recommended range. When the graph line is above the intersection of the required load and span lines, the support equipment is suitable for use within those load and span conditions. The graphs shown are for galvanised and deep galvanised finishes.



Cable Ladder Systems-Heavy Duty

» Overview

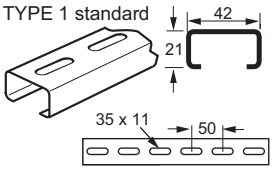
Use fastener sets for connecting fittings to straight lengths. Rung spacing is 300 mm between centres. Standard radius for fittings is 300 and 600 mm.

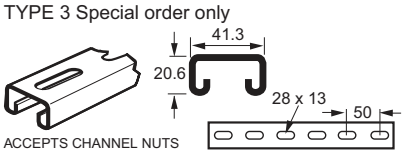


» Straight Section

Ordering Code	Width	Straight Lengths
	mm	m
CLH150	150	3
CLH300	300	3
CLH450	450	3
CLH600	600	3
CLH750	750	3
CLH900	900	3

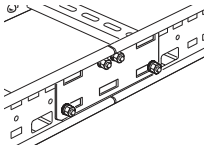
6 m lengths available on special request

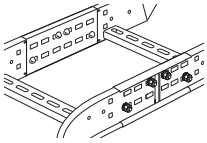




» Coupler Sets

Coupler sets are supplied in pairs with fasteners (8 per coupler), used to couple straight lengths to straight lengths or fitting to fitting.



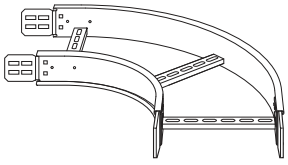


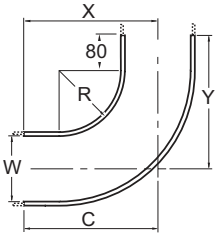
» Fastener Sets

Comprise M10 coach bolt, flat washer, spring washer and nut. Type: hot dip galvanised or stainless steel.

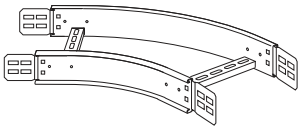
» Fittings

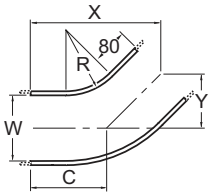
90°





45°





Flat bends

Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLHFB15090300	150	300	90	453	453	453
CLHFB15090450	150	450	90	603	603	603
CLHFB15090600	150	600	90	753	753	753
CLHFB15090750	150	750	90	903	903	903
CLHFB15090900	150	900	90	1053	1053	1053
CLHFB30090300	300	300	90	528	528	528
CLHFB30090450	300	450	90	678	678	678
CLHFB30090600	300	600	90	828	828	828
CLHFB30090750	300	750	90	978	978	978
CLHFB30090900	300	900	90	1128	1128	1128
CLHFB45090300	450	300	90	603	603	603
CLHFB45090450	450	450	90	753	753	753
CLHFB45090600	450	600	90	903	903	903
CLHFB45090750	450	750	90	1053	1053	1053
CLHFB45090900	450	900	90	1203	1203	1203
CLHFB60090300	600	300	90	678	678	678
CLHFB60090450	600	450	90	828	828	828
CLHFB60090600	600	600	90	978	978	978
CLHFB60090750	600	750	90	1128	1128	1128
CLHFB60090900	600	900	90	1278	1278	1278
CLHFB75090300	750	300	90	753	753	753
CLHFB75090450	750	450	90	903	903	903
CLHFB75090600	750	600	90	1053	1053	1053
CLHFB75090750	750	750	90	1203	1203	1203
CLHFB75090900	750	900	90	1353	1353	1353
CLHFB90090300	900	300	90	828	828	828
CLHFB90090450	900	450	90	978	978	978
CLHFB90090600	900	600	90	1128	1128	1128
CLHFB90090750	900	750	90	1278	1278	1278
CLHFB90090900	900	900	90	1428	1428	1428
CLHFB15045300	150	300	45	400	166	235
CLHFB15045450	150	450	45	506	210	297
CLHFB15045600	150	600	45	612	254	359
CLHFB15045750	150	750	45	719	298	420
CLHFB15045900	150	900	45	825	342	483
CLHFB30045300	300	300	45	453	188	266
CLHFB30045450	300	450	45	559	230	328
CLHFB30045600	300	600	45	665	276	390
CLHFB30045750	300	750	45	722	320	452
CLHFB30045900	300	900	45	878	364	514

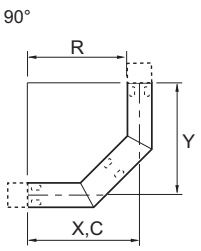
Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLHFB45045300	450	300	45	506	210	297
CLHFB45045450	450	450	45	612	254	359
CLHFB45045600	450	600	45	719	298	421
CLHFB45045750	450	750	45	825	342	483
CLHFB45045900	450	900	45	931	385	545
CLHFB60045300	600	300	45	559	232	328
CLHFB60045450	600	450	45	665	276	390
CLHFB60045600	600	600	45	772	320	452
CLHFB60045750	600	750	45	878	364	514
CLHFB60045900	600	900	45	984	407	576
CLHFB75045300	750	300	45	612	254	359
CLHFB75045450	750	450	45	719	298	421
CLHFB75045600	750	600	45	825	342	483
CLHFB75045750	750	750	45	931	385	545
CLHFB75045900	750	900	45	1037	429	607
CLHFB90045300	900	300	45	665	276	390
CLHFB90045450	900	450	45	772	320	452
CLHFB90045600	900	600	45	878	364	514
CLHFB90045750	900	750	45	984	407	576
CLHFB90045900	900	900	45	1090	451	638

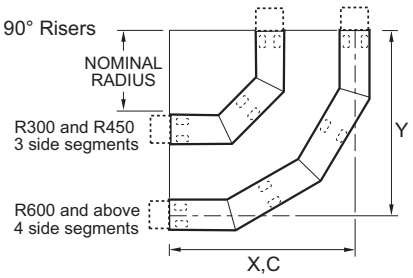
X = length of fitting from each 'end' of centre-line (not including integral coupler)

Y = length from each 'end' of the fitting to the point at which the centre-lines intersect (not including integral coupler)

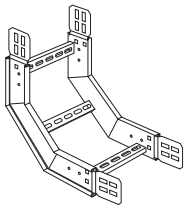
C = length of the centre-line from each 'end' of the fitting to the point at which the centre-lines intersect (not including integral coupler)

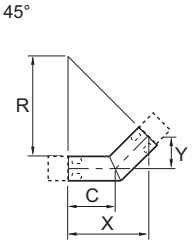
Risers

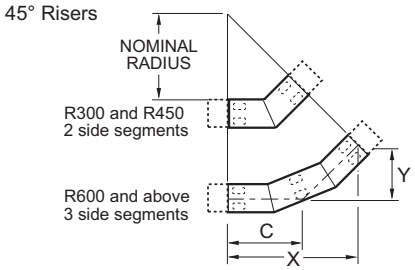


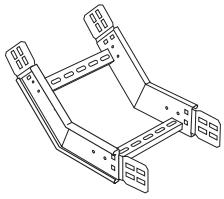


90° risers, 600R and above have 4 side segments









45° risers, 600R and above have 3 side segments

60°and 30°bends can be offered upon request.

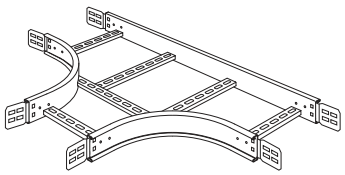
Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLHIR15090300	150	300	90	363	363	363
CLHIR15090450	150	450	90	513	513	513
CLHIR15090600	150	600	90	663	663	663
CLHIR15090750	150	750	90	813	813	813
CLHIR15090900	150	900	90	963	963	963
CLHIR30090300	300	300	90	363	363	363
CLHIR30090450	300	450	90	513	513	513
CLHIR30090600	300	600	90	663	663	663
CLHIR30090750	300	750	90	813	813	813
CLHIR30090900	300	900	90	963	963	963
CLHIR45090300	450	300	90	363	363	363
CLHIR45090450	450	450	90	513	513	513
CLHIR45090600	450	600	90	663	663	663
CLHIR45090750	450	750	90	813	813	813
CLHIR45090900	450	900	90	963	963	963
CLHIR60090300	600	300	90	363	363	363
CLHIR60090450	600	450	90	513	513	513
CLHIR60090600	600	600	90	663	663	663
CLHIR60090750	600	750	90	813	813	813
CLHIR60090900	600	900	90	963	963	963
CLHIR75090300	750	300	90	363	363	363
CLHIR75090450	750	450	90	513	513	513
CLHIR75090600	750	600	90	663	663	663
CLHIR75090750	750	750	90	813	813	813
CLHIR75090900	750	900	90	963	963	963
CLHIR90090300	900	300	90	363	363	363
CLHIR90090450	900	450	90	513	513	513
CLHIR90090600	900	600	90	663	663	663
CLHIR90090750	900	750	90	813	813	813
CLHIR90090900	900	900	90	963	963	963
CLHIR15045300	150	300	45	256	106	150

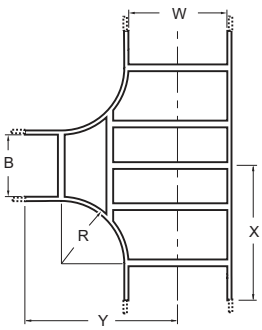
Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLHIR15045450	150	450	45	362	150	212
CLHIR15045600	150	600	45	468	194	274
CLHIR15045750	150	750	45	575	238	337
CLHIR15045900	150	900	45	681	282	399
CLHIR30045300	300	300	45	256	106	150
CLHIR30045450	300	450	45	362	150	212
CLHIR30045600	300	600	45	468	194	274
CLHIR30045750	300	750	45	575	238	337
CLHIR30045900	300	900	45	681	282	399
CLHIR45045300	450	300	45	256	106	150
CLHIR45045450	450	450	45	362	150	212
CLHIR45045600	450	600	45	468	194	274
CLHIR45045750	450	750	45	575	238	337
CLHIR45045900	450	900	45	681	282	399
CLHIR60045300	600	300	45	256	106	150
CLHIR60045450	600	450	45	362	150	212
CLHIR60045600	600	600	45	468	194	274
CLHIR60045750	600	750	45	575	238	337
CLHIR60045900	600	900	45	681	282	399
CLHIR75045300	750	300	45	256	106	150
CLHIR75045450	750	450	45	362	150	212
CLHIR75045600	750	600	45	468	194	274
CLHIR75045750	750	750	45	575	238	337
CLHIR75045900	750	900	45	681	282	399
CLHIR90045300	900	300	45	256	106	150
CLHIR90045450	900	450	45	362	150	212
CLHIR90045600	900	600	45	468	194	274
CLHIR90045750	900	750	45	575	238	337
CLHIR90045900	900	900	45	681	282	399

CLHIR represents inside riser. CLHIR will be changed to CLHOR if inside riser is changed to outside riser.

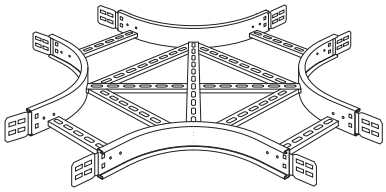
Equal tees or 4 way crosspieces

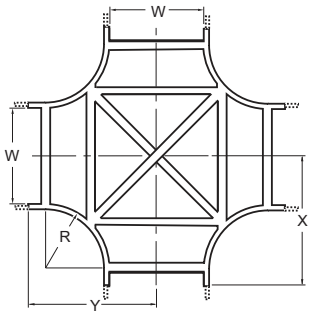
Equal tees





4 way crosspieces



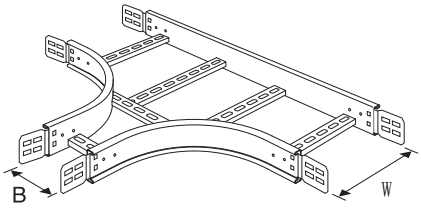


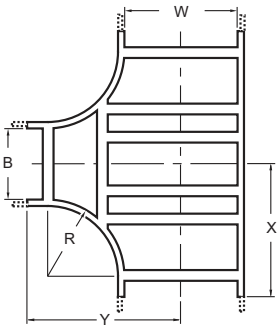
Ordering Code	Width(W)	Radius(R)	Equal Tees Width(X/Y)
	mm	mm	mm
CLHT150300	150	300	454
CLHT150450	150	450	604
CLHT150600	150	600	754
CLHT150750*	150	750	904
CLHT150900*	150	900	1054
CLHT300300	300	300	529
CLHT300450	300	450	679
CLHT300600	300	600	829
CLHT300750*	300	750	979
CLHT300900*	300	900	1129
CLHT450300	450	300	604
CLHT450450	450	450	754
CLHT450600*	450	600	904
CLHT450750*	450	750	1054
CLHT450900*	450	900	1204
CLHT600300	600	300	679
CLHT600450	600	450	829
CLHT600600*	600	600	979
CLHT600750*	600	750	1129
CLHT600900*	600	900	1279
CLHT750300	750	300	754
CLHT750450*	750	450	904
CLHT750600*	750	600	1054
CLHT750750*	750	750	1204
CLHT750900*	750	900	1354
CLHT900300	900	300	829
CLHT900450*	900	450	979
CLHT900600*	900	600	1129
CLHT900750*	900	750	1279
CLHT900900*	900	900	1429

*: Supplied in 2 parts for assembly on site

CLHT represents equal tee. CLHT will be changed to CLHX if equal tee is changed to 4 way crosspiece.

Unequal tees





Ordering Code	Width(W)	Branch(B)	Radius(R)	Unequal Tees Width	
				X	Y
	mm	mm	mm	mm	mm
CLHUT150300300	150	300	300	528	453
CLHUT150300450	150	300	450	678	603
CLHUT150300600	150	300	600	828	753
CLHUT150300750*	150	300	750	978	903
CLHUT150300900*	150	300	900	1128	1053
CLHUT150450300	150	450	300	603	453
CLHUT150450450	150	450	450	753	603
CLHUT150450600*	150	450	600	903	753
CLHUT150450750*	150	450	750	1053	903
CLHUT150450900*	150	450	900	1203	1053
CLHUT150600300	150	600	300	678	453
CLHUT150600450	150	600	450	828	603
CLHUT150600600*	150	600	600	978	753
CLHUT150600750*	150	600	750	1128	903
CLHUT150600900*	150	600	900	1278	1053
CLHUT150750300	150	750	300	753	453
CLHUT150750450*	150	750	450	903	603
CLHUT150750600*	150	750	600	1053	753
CLHUT150750750*	150	750	750	1203	903
CLHUT150750900*	150	750	900	1353	1053
CLHUT150900300	150	900	300	828	453
CLHUT150900450*	150	900	450	978	603
CLHUT150900600*	150	900	600	1128	753
CLHUT150900750*	150	900	750	1278	903
CLHUT150900900*	150	900	900	1428	1053
CLHUT300150300	300	150	300	453	528
CLHUT300150450	300	150	450	603	678
CLHUT300150600	300	150	600	753	828
CLHUT300150750*	300	150	750	903	978
CLHUT300150900*	300	150	900	1053	1128
CLHUT300450300	300	450	300	603	528
CLHUT300450450	300	450	450	753	678
CLHUT300450600*	300	450	600	903	828

Ordering Code	Width(W)	Branch(B)	Radius(R)	Unequal Tees Width	
				X	Y
	mm	mm	mm	mm	mm
CLHUT300450750*	300	450	750	1053	978
CLHUT300450900*	300	450	900	1203	1128
CLHUT300600300	300	600	300	678	528
CLHUT300600450	300	600	450	828	678
CLHUT300600600*	300	600	600	978	828
CLHUT300600750*	300	600	750	1128	978
CLHUT300600900*	300	600	900	1278	1128
CLHUT300750300	300	750	300	753	528
CLHUT300750450*	300	750	450	903	678
CLHUT300750600*	300	750	600	1053	828
CLHUT300750750*	300	750	750	1203	978
CLHUT300750900*	300	750	900	1353	1128
CLHUT300900300	300	900	300	828	528
CLHUT300900450*	300	900	450	978	678
CLHUT300900600*	300	900	600	1128	828
CLHUT300900750*	300	900	750	1278	978
CLHUT300900900*	300	900	900	1428	1128
CLHUT450150300	450	150	300	453	603
CLHUT450150450	450	150	450	603	753
CLHUT450150600	450	150	600	753	903
CLHUT450150750*	450	150	750	903	1053
CLHUT450150900*	450	150	900	1053	1203
CLHUT450300300	450	300	300	528	603
CLHUT450300450	450	300	450	678	753
CLHUT450300600*	450	300	600	828	903
CLHUT450300750*	450	300	750	978	1053
CLHUT450300900*	450	300	900	1128	1203
CLHUT450600300	450	600	300	678	603
CLHUT450600450	450	600	450	828	753
CLHUT450600600*	450	600	600	978	903
CLHUT450600750*	450	600	750	1128	1053
CLHUT450600900*	450	600	900	1278	1203
CLHUT450750300	450	750	300	753	602
CLHUT450750450*	450	750	450	903	753
CLHUT450750600*	450	750	600	1053	903
CLHUT450750750*	450	750	750	1203	1053
CLHUT450750900*	450	750	900	1353	1203
CLHUT450900300	450	900	300	828	603
CLHUT450900450*	450	900	450	978	753
CLHUT450900600*	450	900	600	1128	903
CLHUT450900750*	450	900	750	1278	1053
CLHUT450900900*	450	900	900	1428	1203
CLHUT600150300	600	150	300	453	678
CLHUT600150450	600	150	450	603	828
CLHUT600150600	600	150	600	753	978
CLHUT600150750*	600	150	750	903	1128

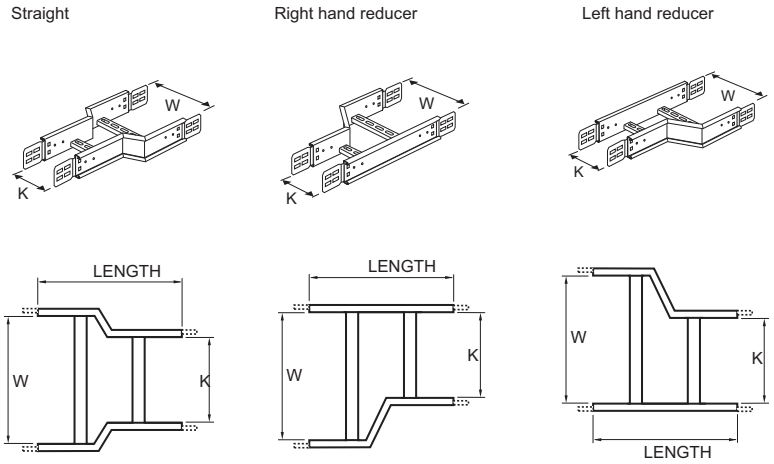
ADDIMAX Cable Tray Systems
Cable Ladder Systems

Ordering Code	Width(W)	Branch(B)	Radius(R)	Unequal Tees Width	
				X	Y
	mm	mm	mm	mm	mm
CLHUT600150900*	600	150	900	1053	1278
CLHUT600300300	600	300	300	528	678
CLHUT600300450	600	300	450	678	828
CLHUT600300600*	600	300	600	828	978
CLHUT600300750*	600	300	750	978	1128
CLHUT600300900*	600	300	900	1128	1278
CLHUT600450300	600	450	300	603	678
CLHUT600450450	600	450	450	753	828
CLHUT600450600*	600	450	600	903	978
CLHUT600450750*	600	450	750	1053	1128
CLHUT600450900*	600	450	900	1203	1278
CLHUT600750300	600	750	300	753	678
CLHUT600750450*	600	750	450	903	828
CLHUT600750600*	600	750	600	1053	978
CLHUT600750750*	600	750	750	1203	1128
CLHUT600750900*	600	750	900	1353	1278
CLHUT600900300	600	900	300	828	678
CLHUT600900450*	600	900	450	978	828
CLHUT600900600*	600	900	600	1128	978
CLHUT600900750*	600	900	750	1278	1128
CLHUT600900900*	600	900	900	1428	1278
CLHUT750150300	750	150	300	453	753
CLHUT750150450	750	150	450	603	903
CLHUT750150600	750	150	600	753	1053
CLHUT750150750*	750	150	750	903	1203
CLHUT750150900*	750	150	900	1053	1353
CLHUT750300300	750	300	300	528	753
CLHUT750300450	750	300	450	678	903
CLHUT750300600*	750	300	600	828	1053
CLHUT750300750*	750	300	750	978	1203
CLHUT750300900*	750	300	900	1128	1353
CLHUT750450300	750	450	300	603	753
CLHUT750450450	750	450	450	753	903
CLHUT750450600*	750	450	600	903	1053
CLHUT750450750*	750	450	750	1053	1203
CLHUT750450900*	750	450	900	1203	1353
CLHUT750600300	750	600	300	678	753
CLHUT750600450*	750	600	450	828	903
CLHUT750600600*	750	600	600	978	1053
CLHUT750600750*	750	600	750	1128	1203
CLHUT750600900*	750	600	900	1278	1353
CLHUT750900300	750	900	300	828	753
CLHUT750900450*	750	900	450	978	903
CLHUT750900600*	750	900	600	1128	1053
CLHUT750900750*	750	900	750	1278	1203
CLHUT750900900*	750	900	900	1428	1353

Ordering Code	Width(W)	Branch(B)	Radius(R)	Unequal Tees Width	
				X	Y
	mm	mm	mm	mm	mm
CLHUT900150300	900	150	300	453	828
CLHUT900150450	900	150	450	603	978
CLHUT900150600	900	150	600	753	1128
CLHUT900150750*	900	150	750	903	1278
CLHUT900150900*	900	150	900	1053	1428
CLHUT900300300	900	300	300	528	828
CLHUT900300450	900	300	450	678	978
CLHUT900300600*	900	300	600	828	1128
CLHUT900300750*	900	300	750	978	1278
CLHUT900300900*	900	300	900	1128	1428
CLHUT900450300	900	450	300	603	828
CLHUT900450450	900	450	450	753	978
CLHUT900450600*	900	450	600	903	1128
CLHUT900450750*	900	450	750	1053	1278
CLHUT900450900*	900	450	900	1203	1428
CLHUT900600300	900	600	300	678	828
CLHUT900600450*	900	600	450	828	978
CLHUT900600600*	900	600	600	978	1128
CLHUT900600750*	900	600	750	1128	1278
CLHUT900600900*	900	600	900	1278	1428
CLHUT900750300	900	750	300	753	828
CLHUT900750450*	900	750	450	903	978
CLHUT900750600*	900	750	600	1053	1128
CLHUT900750750*	900	750	750	1203	1278
CLHUT900750900*	900	750	900	1353	1428

*: Supplied in 2 parts for assembly on site

Reducers

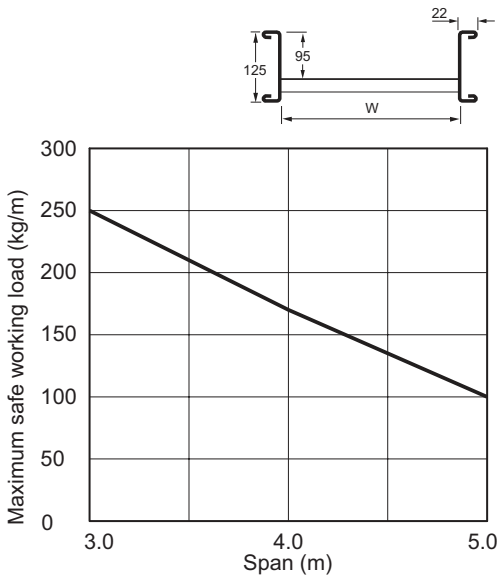


Ordering Code	Width(W)	Width(K)	Straight Reducer Length	Offset Reducer Length
	mm	mm	mm	mm
CLHSR300150	300	150	450	450
CLHSR450150	450	150	450	450
CLHSR450300	450	300	450	450
CLHSR600150	600	150	500	550
CLHSR600300	600	300	450	500
CLHSR600450	600	450	450	450
CLHSR750150	750	150	500	600
CLHSR750300	750	300	500	550
CLHSR750450	750	450	450	500
CLHSR750600	750	600	450	450
CLHSR900150	900	150	550	650
CLHSR900300	900	300	500	600
CLHSR900450	900	450	500	550
CLHSR900600	900	600	450	500
CLHSR900750	900	750	450	450

CLHSR represents straight reducer. CLHSR will be changed to CLHLR if straight reducer is changed to left hand offset reducer. CLHSR will be changed to CLHRR if straight reducer is changed to right hand offset reducer.

» Loading Graphs

The loads shown on the graph are the safe recommended maximum loads that can be applied and must include wind, snow and any other external forces in addition to the cable load. The graphs show the maximum load for ladder installed at a support spacing within its recommended range. When the graph line is above the intersection of the required load and span lines, the support equipment is suitable for use within those load and span conditions. The graphs shown are for galvanised and deep galvanised finishes.

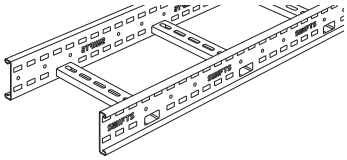


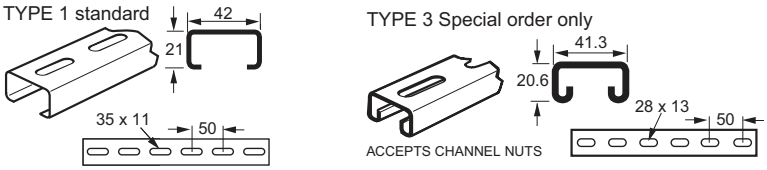
Cable Ladder Systems-Extra Heavy Duty

» Overview

Use fastener sets for connecting fittings to straight lengths. Rung spacing is 300 mm between centres. Standard radius for fittings is 300 and 600 mm.

» Straight Section



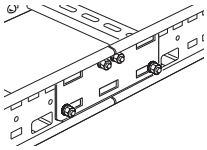


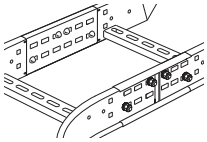
Ordering Code	Width	Straight Lengths
	mm	m
CLE150	150	3
CLE300	300	3
CLE450	450	3
CLE600	600	3
CLE750	750	3
CLE900	900	3

6 m lengths available on special request

» Coupler Sets

Coupler sets are supplied in pairs, with fasteners (8 per coupler), used to couple straight lengths to straight lengths or fitting to fitting.





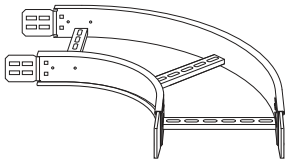
» Fastener Sets

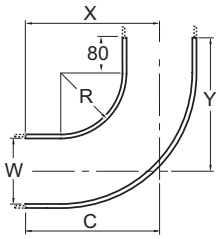
Comprise M10 coach bolt, flat washer, spring washer and nut. Type: hot dip galvanised or stainless steel.

» Fittings

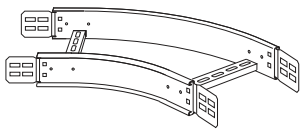
Flat bends

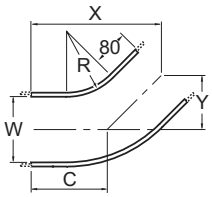
90°





45°





Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLEFB15090300	150	300	90	453	453	453
CLEFB15090450	150	450	90	603	603	603
CLEFB15090600	150	600	90	753	753	753
CLEFB15090750	150	750	90	903	903	903
CLEFB15090900	150	900	90	1053	1053	1053
CLEFB30090300	300	300	90	528	528	528
CLEFB30090450	300	450	90	678	678	678
CLEFB30090600	300	600	90	828	828	828
CLEFB30090750	300	750	90	978	978	978
CLEFB30090900	300	900	90	1128	1128	1128
CLEFB45090300	450	300	90	603	603	603
CLEFB45090450	450	450	90	753	753	753
CLEFB45090600	450	600	90	903	903	903
CLEFB45090750	450	750	90	1053	1053	1053
CLEFB45090900	450	900	90	1203	1203	1203
CLEFB60090300	600	300	90	678	678	678
CLEFB60090450	600	450	90	828	828	828
CLEFB60090600	600	600	90	978	978	978
CLEFB60090750	600	750	90	1128	1128	1128
CLEFB60090900	600	900	90	1278	1278	1278
CLEFB75090300	750	300	90	753	753	753
CLEFB75090450	750	450	90	903	903	903
CLEFB75090600	750	600	90	1053	1053	1053
CLEFB75090750	750	750	90	1203	1203	1203
CLEFB75090900	750	900	90	1353	1353	1353
CLEFB90090300	900	300	90	828	828	828
CLEFB90090450	900	450	90	978	978	978

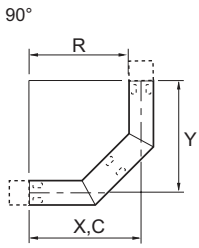
Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLEFB90090600	900	600	90	1128	1128	1128
CLEFB90090750	900	750	90	1278	1278	1278
CLEFB90090900	900	900	90	1428	1428	1428
CLEFB15045300	150	300	45	400	166	235
CLEFB15045450	150	450	45	506	210	297
CLEFB15045600	150	600	45	612	254	359
CLEFB15045750	150	750	45	719	298	420
CLEFB15045900	150	900	45	825	342	483
CLEFB30045300	300	300	45	453	188	266
CLEFB30045450	300	450	45	559	230	328
CLEFB30045600	300	600	45	665	276	390
CLEFB30045750	300	750	45	722	320	452
CLEFB30045900	300	900	45	878	364	514
CLEFB45045300	450	300	45	506	210	297
CLEFB45045450	450	450	45	612	254	359
CLEFB45045600	450	600	45	719	298	421
CLEFB45045750	450	750	45	825	342	483
CLEFB45045900	450	900	45	931	385	545
CLEFB60045300	600	300	45	559	232	328
CLEFB60045450	600	450	45	665	276	390
CLEFB60045600	600	600	45	772	320	452
CLEFB60045750	600	750	45	878	364	514
CLEFB60045900	600	900	45	984	407	576
CLEFB75045300	750	300	45	612	254	359
CLEFB75045450	750	450	45	719	298	421
CLEFB75045600	750	600	45	825	342	483
CLEFB75045750	750	750	45	931	385	545
CLEFB75045900	750	900	45	1037	429	607
CLEFB90045300	900	300	45	665	276	390
CLEFB90045450	900	450	45	772	320	452
CLEFB90045600	900	600	45	878	364	514
CLEFB90045750	900	750	45	984	407	576
CLEFB90045900	900	900	45	1090	451	638

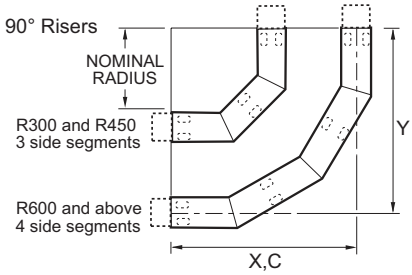
X = length of fitting from each 'end' of centre-line (not including integral coupler)

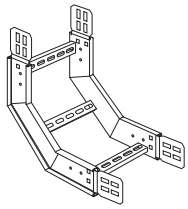
Y = length from each 'end' of the fitting to the point at which the centre-lines intersect (not including integral coupler)

C = length of the centre-line from each 'end' of the fitting to the point at which the centre-lines intersect (not including integral coupler)

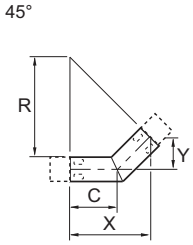
Risers

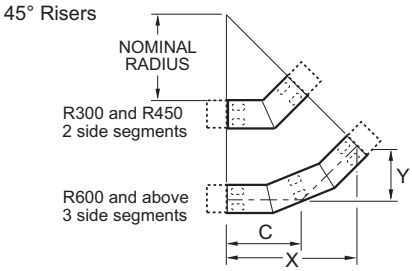


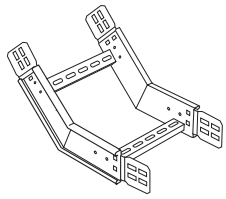




90° risers, 600R and above have 4 side segments







45° risers, 600R and above have 3 side segments

60°and 30°bends can be offered upon request.

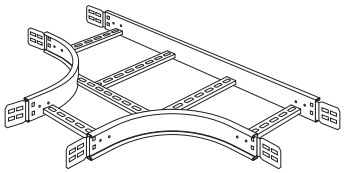
Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLEIR15090300	150	300	90	375	375	375
CLEIR15090450	150	450	90	525	525	525
CLEIR15090600	150	600	90	675	675	675
CLEIR15090750	150	750	90	825	825	825
CLEIR15090900	150	900	90	975	975	975
CLEIR30090300	300	300	90	375	375	375
CLEIR30090450	300	450	90	525	525	525
CLEIR30090600	300	600	90	675	675	675
CLEIR30090750	300	750	90	825	825	825
CLEIR30090900	300	900	90	975	975	975
CLEIR45090300	450	300	90	375	375	375
CLEIR45090450	450	450	90	525	525	525
CLEIR45090600	450	600	90	675	675	675
CLEIR45090750	450	750	90	825	825	825
CLEIR45090900	450	900	90	975	975	975
CLEIR60090300	600	300	90	375	375	375
CLEIR60090450	600	450	90	525	525	525
CLEIR60090600	600	600	90	675	675	675
CLEIR60090750	600	750	90	825	825	825
CLEIR60090900	600	900	90	975	975	975

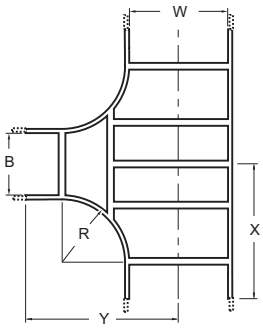
Ordering Code	Width(W)	Radius(R)	Angle	X	Y	C
	mm	mm	°	mm	mm	mm
CLEIR75090300	750	300	90	375	375	375
CLEIR75090450	750	450	90	525	525	525
CLEIR75090600	750	600	90	675	675	675
CLEIR75090750	750	750	90	825	825	825
CLEIR75090900	750	900	90	975	975	975
CLEIR90090300	900	300	90	375	375	375
CLEIR90090450	900	450	90	525	525	525
CLEIR90090600	900	600	90	675	675	675
CLEIR90090750	900	750	90	825	825	825
CLEIR90090900	900	900	90	975	975	975
CLEIR15045300	150	300	45	265	110	155
CLEIR15045450	150	450	45	371	154	217
CLEIR15045600	150	600	45	477	198	280
CLEIR15045750	150	750	45	583	242	342
CLEIR15045900	150	900	45	689	286	404
CLEIR30045300	300	300	45	265	110	155
CLEIR30045450	300	450	45	371	154	217
CLEIR30045600	300	600	45	477	198	280
CLEIR30045750	300	750	45	583	242	342
CLEIR30045900	300	900	45	689	286	404
CLEIR45045300	450	300	45	265	110	155
CLEIR45045450	450	450	45	371	154	217
CLEIR45045600	450	600	45	477	198	280
CLEIR45045750	450	750	45	583	242	342
CLEIR45045900	450	900	45	689	286	404
CLEIR60045300	600	300	45	265	110	155
CLEIR60045450	600	450	45	371	154	217
CLEIR60045600	600	600	45	477	198	280
CLEIR60045750	600	750	45	583	242	342
CLEIR60045900	600	900	45	689	286	404
CLEIR75045300	750	300	45	265	110	155
CLEIR75045450	750	450	45	371	154	217
CLEIR75045600	750	600	45	477	198	280
CLEIR75045750	750	750	45	583	242	342
CLEIR75045900	750	900	45	689	286	404
CLEIR90045300	900	300	45	265	110	155
CLEIR90045450	900	450	45	371	154	217
CLEIR90045600	900	600	45	477	198	280
CLEIR90045750	900	750	45	583	242	342
CLEIR90045900	900	900	45	689	286	404

CLEIR represents inside riser. CLEIR will be changed to CLEOR if inside riser is changed to outside riser.

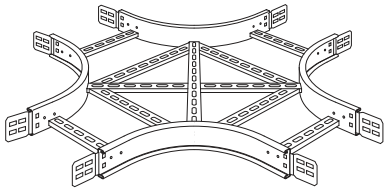
Equal tees or 4 way crosspieces

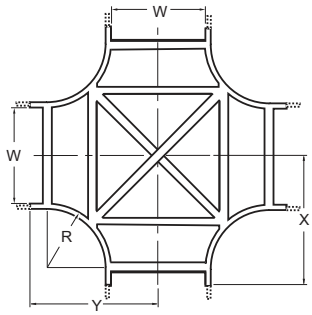
Equal tees





4 way crosspieces



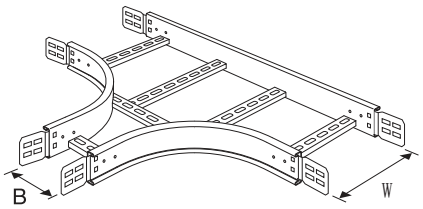


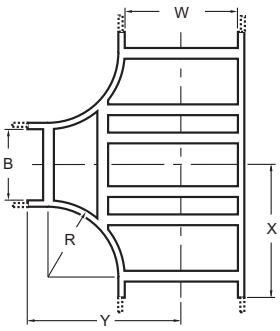
Ordering Code	Width(W)	Radius(R)	Equal Tees Width(X/Y)
	mm	mm	mm
CLET150300	150	300	454
CLET150450	150	450	604
CLET150600	150	600	754
CLET150750	150	750	904
CLET150900	150	900	1054
CLET300300	300	300	529
CLET300450	300	450	679
CLET300600	300	600	829
CLET300750	300	750	979
CLET300900	300	900	1129
CLET450300	450	300	604
CLET450450	450	450	754
CLET450600	450	600	904
CLET450750	450	750	1054
CLET450900	450	900	1204
CLET600300	600	300	679
CLET600450	600	450	829
CLET600600	600	600	979
CLET600750	600	750	1129
CLET600900	600	900	1279
CLET750300	750	300	754

Ordering Code	Width(W)	Radius(R)	Equal Tees Width(X/Y)
	mm	mm	mm
CLET750450	750	450	904
CLET750600	750	600	1054
CLET750750	750	750	1204
CLET750900	750	900	1354
CLET900300	900	300	829
CLET900450	900	450	979
CLET900600	900	600	1129
CLET900750	900	750	1279
CLET900900	900	900	1429

CLET represents equal tee. CLET will be changed to CLEX if equal tee is changed to 4 way crosspiece.

Unequal tees





Ordering Code	Width(W)	Branch(B)	Radius(R)	Unequal Tees Width	
				X	Y
	mm	mm	mm	mm	mm
CLEUT150300300	150	300	300	528	453
CLEUT150300450	150	300	450	678	603
CLEUT150300600	150	300	600	828	753
CLEUT150300750	150	300	750	978	903
CLEUT150300900	150	300	900	1128	1053
CLEUT150450300	150	450	300	603	453
CLEUT150450450	150	450	450	753	603
CLEUT150450600	150	450	600	903	753
CLEUT150450750*	150	450	750	1053	903
CLEUT150450900	150	450	900	1203	1053
CLEUT150600300	150	600	300	678	453
CLEUT150600450	150	600	450	828	603
CLEUT150600600*	150	600	600	978	753
CLEUT150600750	150	600	750	1128	903
CLEUT150600900	150	600	900	1278	1053
CLEUT150750300	150	750	300	753	453
CLEUT150750450	150	750	450	903	603
CLEUT150750600	150	750	600	1053	753

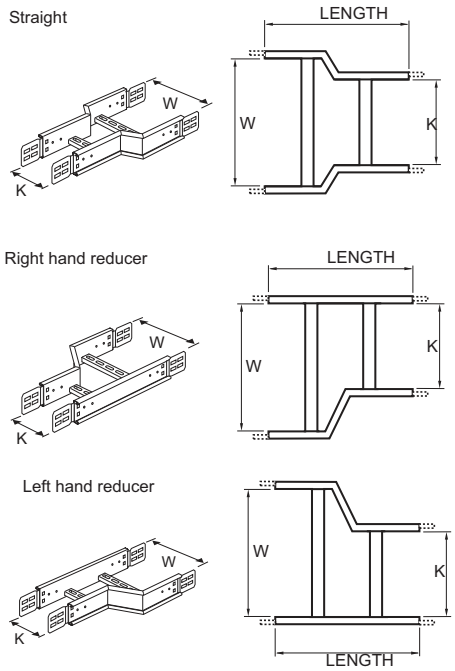
Ordering Code	Width(W)	Branch(B)	Radius(R)	Unequal Tees Width	
				X	Y
	mm	mm	mm	mm	mm
CLEUT150750750	150	750	750	1203	903
CLEUT150750900	150	750	900	1353	1053
CLEUT150900300	150	900	300	828	453
CLEUT150900450	150	900	450	978	603
CLEUT150900600	150	900	600	1128	753
CLEUT150900750	150	900	750	1278	903
CLEUT150900900	150	900	900	1428	1053
CLEUT300150300	300	150	300	453	528
CLEUT300150450	300	150	450	603	678
CLEUT300150600	300	150	600	753	828
CLEUT300150750	300	150	750	903	978
CLEUT300150900	300	150	900	1053	1128
CLEUT300450300	300	450	300	603	528
CLEUT300450450	300	450	450	753	678
CLEUT300450600	300	450	600	903	828
CLEUT300450750	300	450	750	1053	978
CLEUT300450900	300	450	900	1203	1128
CLEUT300600300	300	600	300	678	528
CLEUT300600450	300	600	450	828	678
CLEUT300600600	300	600	600	978	828
CLEUT300600750	300	600	750	1128	978
CLEUT300600900	300	600	900	1278	1128
CLEUT300750300	300	750	300	753	528
CLEUT300750450	300	750	450	903	678
CLEUT300750600	300	750	600	1053	828
CLEUT300750750	300	750	750	1203	978
CLEUT300750900	300	750	900	1353	1128
CLEUT300900300	300	900	300	828	528
CLEUT300900450	300	900	450	978	678
CLEUT300900600	300	900	600	1128	828
CLEUT300900750	300	900	750	1278	978
CLEUT300900900	300	900	900	1428	1128
CLEUT450150300	450	150	300	453	603
CLEUT450150450	450	150	450	603	753
CLEUT450150600	450	150	600	753	903
CLEUT450150750	450	150	750	903	1053
CLEUT450150900	450	150	900	1053	1203
CLEUT450300300	450	300	300	528	603
CLEUT450300450	450	300	450	678	753
CLEUT450300600	450	300	600	828	903
CLEUT450300750	450	300	750	978	1053
CLEUT450300900	450	300	900	1128	1203
CLEUT450600300	450	600	300	678	603
CLEUT450600450	450	600	450	828	753
CLEUT450600600	450	600	600	978	903

Ordering Code	Width(W)	Branch(B)	Radius(R)	Unequal Tees Width	
				X	Y
	mm	mm	mm	mm	mm
CLEUT450600750	450	600	750	1128	1053
CLEUT450600900	450	600	900	1278	1203
CLEUT450750300	450	750	300	753	602
CLEUT450750450	450	750	450	903	753
CLEUT450750600	450	750	600	1053	903
CLEUT450750750	450	750	750	1203	1053
CLEUT450750900	450	750	900	1353	1203
CLEUT450900300	450	900	300	828	603
CLEUT450900450	450	900	450	978	753
CLEUT450900600	450	900	600	1128	903
CLEUT450900750	450	900	750	1278	1053
CLEUT450900900	450	900	900	1428	1203
CLEUT600150300	600	150	300	453	678
CLEUT600150450	600	150	450	603	828
CLEUT600150600	600	150	600	753	978
CLEUT600150750	600	150	750	903	1128
CLEUT600150900	600	150	900	1053	1278
CLEUT600300300	600	300	300	528	678
CLEUT600300450	600	300	450	678	828
CLEUT600300600	600	300	600	828	978
CLEUT600300750	600	300	750	978	1128
CLEUT600300900	600	300	900	1128	1278
CLEUT600450300	600	450	300	603	678
CLEUT600450450	600	450	450	753	828
CLEUT600450600	600	450	600	903	978
CLEUT600450750	600	450	750	1053	1128
CLEUT600450900	600	450	900	1203	1278
CLEUT600750300	600	750	300	753	678
CLEUT600750450	600	750	450	903	828
CLEUT600750600	600	750	600	1053	978
CLEUT600750750	600	750	750	1203	1128
CLEUT600750900	600	750	900	1353	1278
CLEUT600900300	600	900	300	828	678
CLEUT600900450	600	900	450	978	828
CLEUT600900600	600	900	600	1128	978
CLEUT600900750	600	900	750	1278	1128
CLEUT600900900	600	900	900	1428	1278
CLEUT750150300	750	150	300	453	753
CLEUT750150450	750	150	450	603	903
CLEUT750150600	750	150	600	753	1053
CLEUT750150750	750	150	750	903	1203
CLEUT750150900	750	150	900	1053	1353
CLEUT750300300	750	300	300	528	753
CLEUT750300450	750	300	450	678	903
CLEUT750300600	750	300	600	828	1053

Ordering Code	Width(W)	Branch(B)	Radius(R)	Unequal Tees Width	
				X	Y
	mm	mm	mm	mm	mm
CLEUT750300750	750	300	750	978	1203
CLEUT750300900	750	300	900	1128	1353
CLEUT750450300	750	450	300	603	753
CLEUT750450450	750	450	450	753	903
CLEUT750450600	750	450	600	903	1053
CLEUT750450750	750	450	750	1053	1203
CLEUT750450900	750	450	900	1203	1353
CLEUT750600300	750	600	300	678	753
CLEUT750600450	750	600	450	828	903
CLEUT750600600	750	600	600	978	1053
CLEUT750600750	750	600	750	1128	1203
CLEUT750600900	750	600	900	1278	1353
CLEUT750900300	750	900	300	828	753
CLEUT750900450	750	900	450	978	903
CLEUT750900600	750	900	600	1128	1053
CLEUT750900750	750	900	750	1278	1203
CLEUT750900900	750	900	900	1428	1353
CLEUT900150300	900	150	300	453	828
CLEUT900150450	900	150	450	603	978
CLEUT900150600	900	150	600	753	1128
CLEUT900150750	900	150	750	903	1278
CLEUT900150900	900	150	900	1053	1428
CLEUT900300300	900	300	300	528	828
CLEUT900300450	900	300	450	678	978
CLEUT900300600	900	300	600	828	1128
CLEUT900300750	900	300	750	978	1278
CLEUT900300900	900	300	900	1128	1428
CLEUT900450300	900	450	300	603	828
CLEUT900450450	900	450	450	753	978
CLEUT900450600	900	450	600	903	1128
CLEUT900450750	900	450	750	1053	1278
CLEUT900450900	900	450	900	1203	1428
CLEUT900600300	900	600	300	678	828
CLEUT900600450	900	600	450	828	978
CLEUT900600600	900	600	600	978	1128
CLEUT900600750	900	600	750	1128	1278
CLEUT900600900	900	600	900	1278	1428
CLEUT900750300	900	750	300	753	828
CLEUT900750450	900	750	450	903	978
CLEUT900750600	900	750	600	1053	1128
CLEUT900750750	900	750	750	1203	1278
CLEUT900750900	900	750	900	1353	1428

Reducers

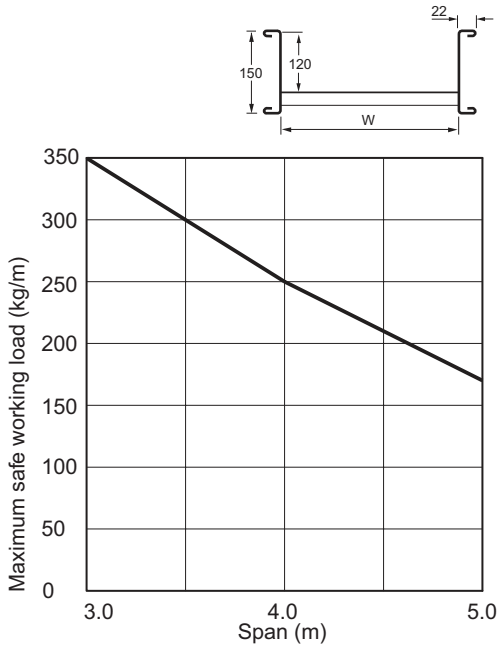
Ordering Code	Width(W)	Width(K)	Straight Reducer Length	Offset Reducer Length
	mm	mm	mm	mm
CLESR300150	300	150	450	450
CLESR450150	450	150	450	450
CLESR450300	450	300	450	450
CLESR600150	600	150	500	550
CLESR600300	600	300	450	500
CLESR600450	600	450	450	450
CLESR750150	750	150	500	600
CLESR750300	750	300	500	550
CLESR750450	750	450	450	500
CLESR750600	750	600	450	450
CLESR900150	900	150	550	650
CLESR900300	900	300	500	600
CLESR900450	900	450	500	550
CLESR900600	900	600	450	500
CLESR900750	900	750	450	450



CLESR represents straight reducer. CLESR will be changed to CLELR if straight reducer is changed to left hand offset reducer. CLESR will be changed to CLERR if straight reducer is changed to right hand offset reducer.

» Loading Graphs

The loads shown on the graph are the safe recommended maximum loads that can be applied and must include wind, snow and any other external forces in addition to the cable load. The graphs show the maximum load for ladder installed at a support spacing within its recommended range. When the graph line is above the intersection of the required load and span lines, the support equipment is suitable for use within those load and span conditions. The graphs shown are for galvanised and deep galvanised finishes.



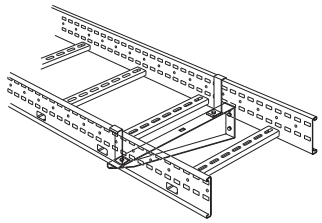
Cable Ladder Systems-Supports

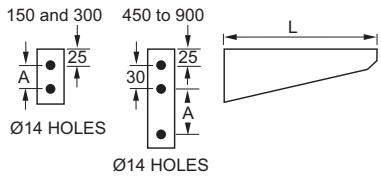
» Overview

These supports are designed for use with light duty, medium duty, heavy duty and extra heavy duty ladders.

» Heavy Duty Cantilever Arms

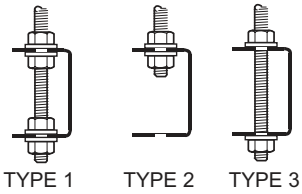
Heavy duty cantilever arms are supplied singly without fasteners, used to fit horizontal runs of ladder to flat surfaces and channel. All arms have slots in top flanges to accept ladder hold down brackets.



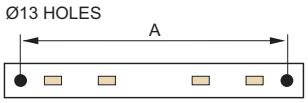


Ordering Code	A	L
	mm	mm
CLCA150	30	250
CLCA300	30	400
CLCA450	45	550
CLCA600	95	700
CLCA750	145	850
CLCA900	195	1000

» Heavy Duty Trapeze Hangers



Trapeze hanger to threaded rod fixing



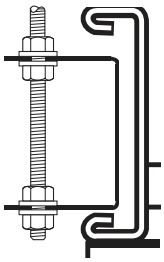
Heavy duty trapeze hangers are supplied singly without fasteners, used to support horizontal runs of ladder from overhead structure, use M12 threaded rods.

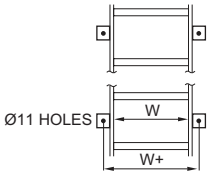
Ordering Code	A
	mm
CLTH150	310
CLTH300	460
CLTH450	610
CLTH600	760
CLTH750	910
CLTH900	1060

» Hanger Rod Brackets

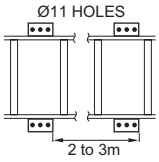
When hanger rod brackets are fitted to ladder, covers can not be used. Hanger rod brackets are supplied in pairs with bracket to ladder fasteners, used to support horizontal runs of ladder from overhead structure, use M10 threaded rods.

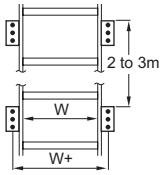
Light duty: W+46
Medium duty: W+66
Heavy duty: W+66
Extra heavy duty: W+66





» Wall Support Brackets





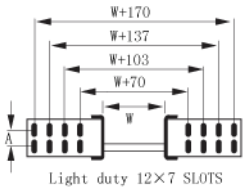
Wall support brackets are supplied in pairs with bracket to ladder fasteners, used to fit horizontal or vertical runs of ladder to vertical surfaces and channel.

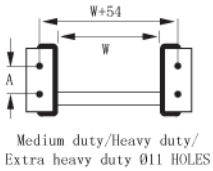
Medium duty: W+106
Heavy duty: W+106

» 90° End Connectors

90° end connectors are supplied in pairs with bracket to ladder fastener, used to fit ends of ladder to vertical surfaces

Light duty: A=16mm
Medium duty: A=50mm
Heavy duty: A=75mm
Extra heavy duty: A=75mm



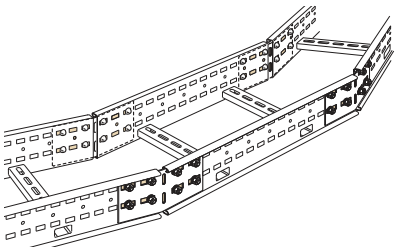


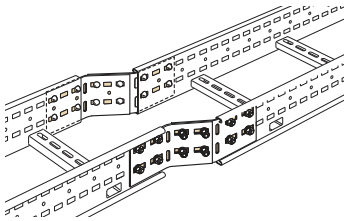
Cable Ladder Systems-Ancillary Items & Covers

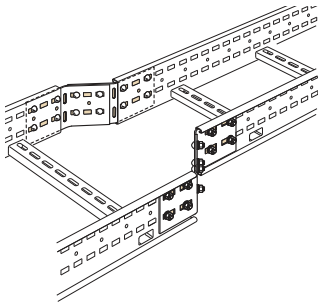
» Ancillary Items

Bendable connectors

Bendable connectors are supplied in pairs with fasteners, used for fabricating accessories on site to make up bends, reducers and compensate for misalignment of straight lengths. Application: Fabricating accessories on site from cut lengths of cable ladder, e.g. a long articulated bend; correcting minor mis-alignment problems; Reducing width of a run to the next size down when a properly manufactured reducer is not available.

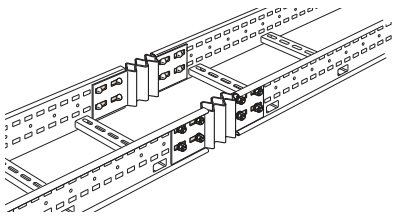






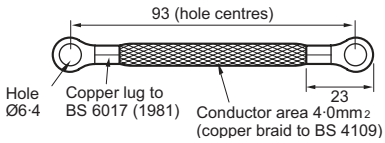
Flexible expansion couplers

Flexible expansion couplers are supplied in pairs with fasteners, used to provide a semi-flexible joint to compensate for relative movement when spanning separate structures or changes in ladder lengths due to temperature variation.

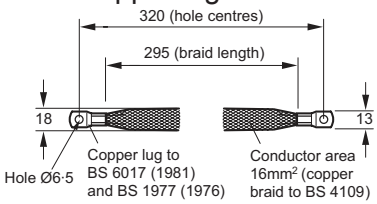


Earth continuity connectors

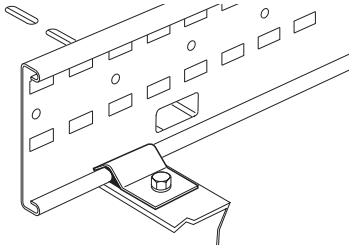
Light duty: use M6 x 12 mm roofing nuts and bolts. Conductor area: 4 mm²

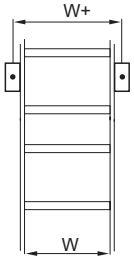


Medium duty, heavy duty and extra heavy duty: M6 brass fasteners included in pack, copper braid and copper lugs both in electrotinned finish. Conductor area: 16 mm²



Hold down clip





Hold down clip is supplied singly without fasteners, used to fit ladder to flat surfaces, channel or heavy duty trapeze hangers which have slots in the top flange to accept fasteners

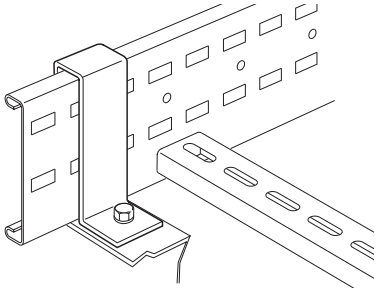
Light duty: use M6, centre distance between fixing holes: W + 35

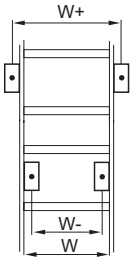
Medium duty: use M6, centre distance between fixing holes: W + 95

Heavy duty: use M6, centre distance between fixing holes: W + 95

Extra heavy duty: use M6, centre distance between fixing holes: W + 95

Hold down bracket





Hold down bracket is supplied singly without fasteners, used to fit ladder to flat surfaces, channel, cantilever arms or heavy duty trapeze hangers which have slots in the top flange to accept fasteners

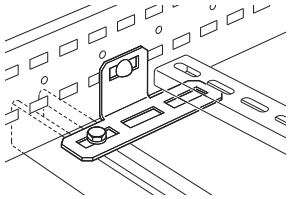
Light duty: centre distance between fixing holes (inside ladder): W - 38; centre distance between fixing holes (outside ladder): W + 62

Medium duty: centre distance between fixing holes (inside ladder): W – 44; centre distance between fixing holes (outside ladder): W + 80

Heavy duty: centre distance between fixing holes (inside ladder): W - 44; centre distance between fixing holes (outside ladder): W + 80

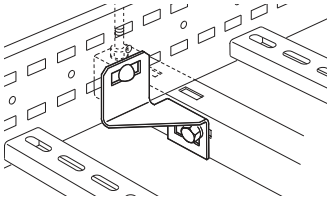
Extra heavy duty: centre distance between fixing holes (inside ladder): W - 44; centre distance between fixing holes (outside ladder): W + 80

Boltable hold down bracket



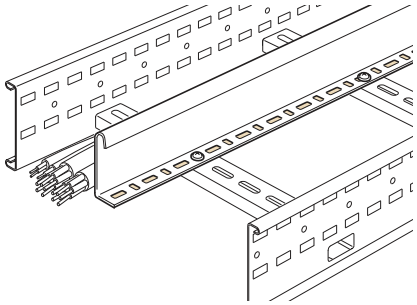
Boltable hold down bracket is supplied singly with bracket to ladder fastener, used to fit ladder to channel in fabricated steel support structure.

Boltable angled hold down brackets

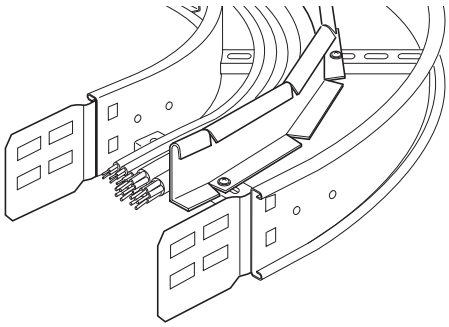


Boltable angled hold down brackets are supplied in handed pairs with bracket to ladder fastener, used to fit ladder to heavy duty cantilever arms and trapeze hangers which have slots in the side flange to accept fasteners.

Straight dividers – 3 m

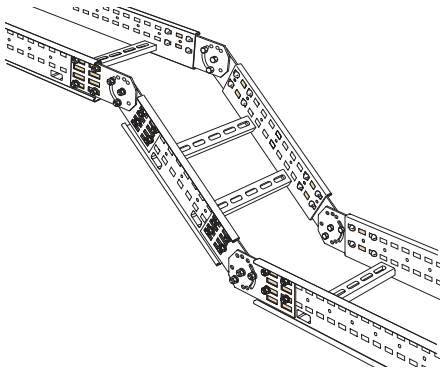


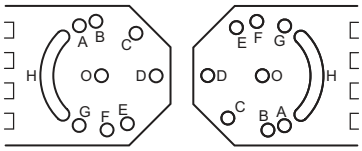
Curved dividers – 1.0 m



Vertical hinged connectors

Vertical hinged connectors are supplied in sets comprising four plates and fasteners, use with straight lengths to form risers or solve minor misalignment problems on site. When used with tee bracket, vertical hinged connectors can offset tee branch.



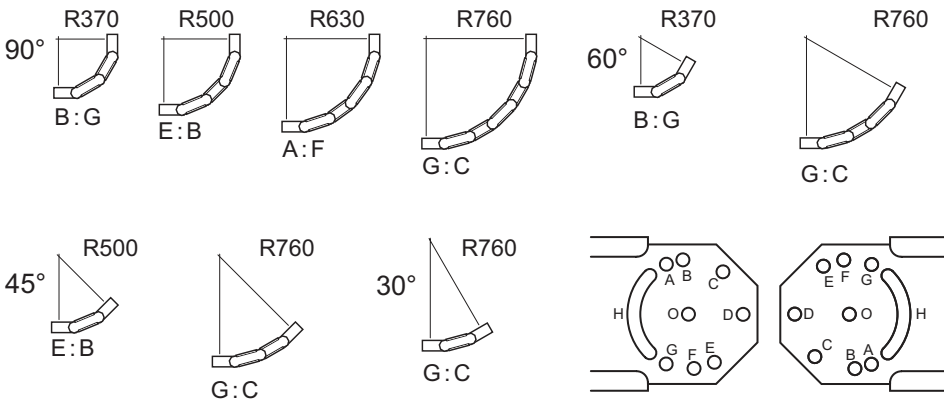


Connect together to form pre-set angles or pre-assemble for adjustment on site using the holes / slots given below

15°	18°	22.5°	30°	45°
G:C	A:F	E:B	B:G	F:C

Articulated risers

Set comprises three ladder sections and the necessary vertical hinged connectors with fasteners. Use to form risers or solve most misalignment problems on site.

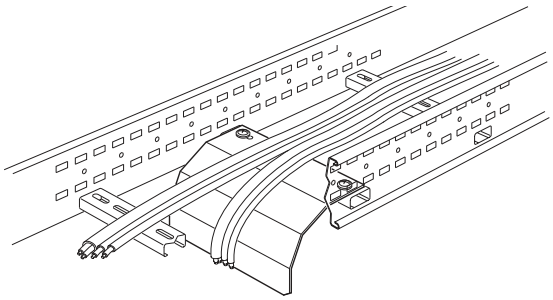


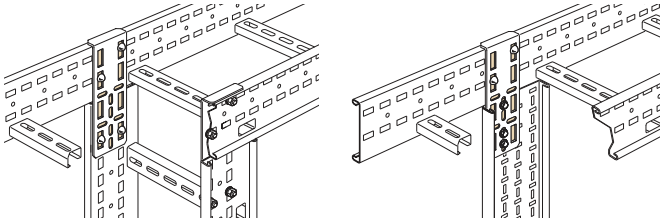
Connect together to form pre-set angles or pre-assembled for adjustment on site using the holes / slots shown

15°	18°	22·5°	0°	45°
G : C	A : F	E : B	B : G	F : C

Dropout plate

Dropout plate is supplied with fasteners, used to provide local support for cables as they exit a cable ladder run between rungs.



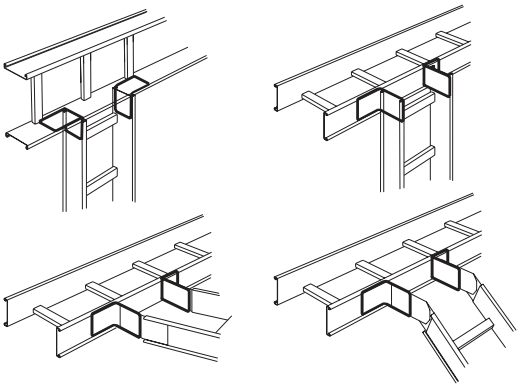


Rail-to-rail dropout brackets

Rail-to-rail dropout brackets are supplied in pairs with fasteners, used to attach a vertical run of ladder or tray beneath a horizontal main ladder run.

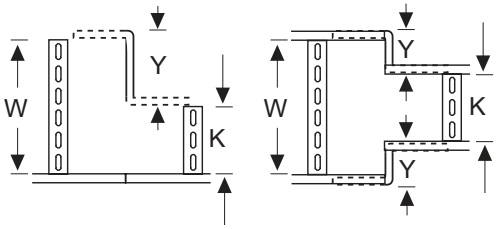
Tee brackets

Tee brackets are supplied in pairs with fasteners, used to create a branch of a straight ladder run. Couple with vertical hinged connectors or bendable connectors to offset the branch.



Short reducer brackets

Short reducer brackets are supplied singly with fasteners, used to form a reducer on site, can also be used to convert an equal tee into an unequal tee. For straight reducer, use in pairs. For offset reducer, use singly with straight coupler.



Offset reducer: Y = W - K

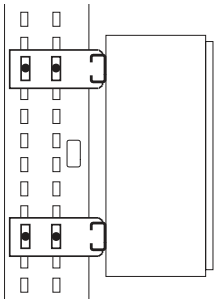
Straight reducer: Y = (W - K)/2

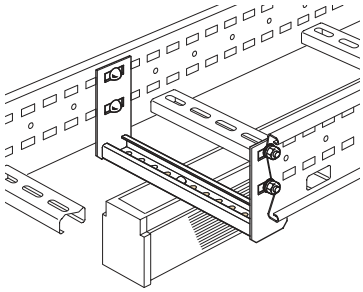
W = main ladder mm

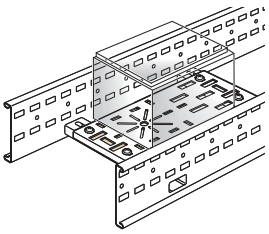
K = reduced ladder mm

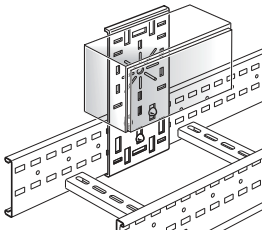
Ancillary mounting bracket

Ancillary mounting bracket are supplied singly with bracket to ladder fastenings.

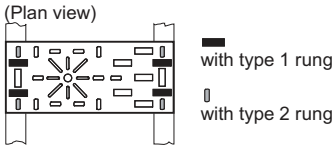






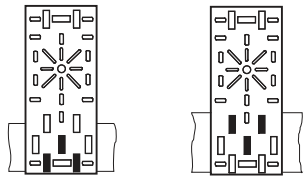


RUNG MOUNTING
(Plan view)



Medium duty

SIDE RAIL MOUNTING
(Side view)



Medium duty

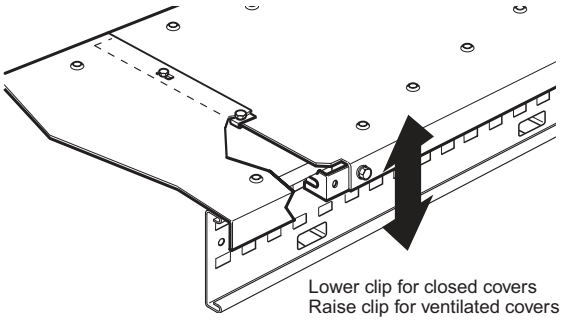
Heavy duty
Extra heavy duty

Ancillary mounting plate

Ancillary mounting plates are supplied singly with bracket to ladder fasteners. Slots for M6 fasteners are provided for mounting ancillary items.

» Covers for Medium Duty, Heavy Duty & Extra Heavy Duty

Covers are supplied with clips and fasteners. Covers for both closed and ventilated installations are common (except when using inside and outside risers) 600 mm wide and above are overlap jointed for rigidity.



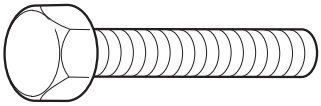
Cable Ladder Systems-Fasteners

» Fastener Sets

Comprise M10 coach bolt, flat washer, spring washer and nut. Type: hot dip galvanised or stainless steel

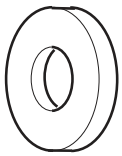
» Fasteners

Hexagon head setscrews



Ordering Code	Size	Ordering Code	Size
Electroplated zinc		CLF1230	M12×30
CLF0616	M6×16	CLF1235	M12×35
CLF0620	M6×20	CLF1240	M12×40
CLF0625	M6×25	CLF1250	M12×50
CLF0630	M6×30	Hot dip galvanised	
CLF1016	M10×16	CLFG0616	M6×16
CLF1020	M10×20	CLFG0620	M6×20
CLF1025	M10×25	CLFG0625	M6×25
CLF1030	M10×30	CLFG0630	M6×30
CLF1035	M10×35	Stainless steel	
CLF1040	M10×40	CLFS0620	M6×20
CLF1045	M10×45	CLFS0625	M6×25
CLF1050	M10×50	CLFS1016	M10×16
CLF1060	M10×60	CLFS1035	M10×25
CLF1220	M12×20	CLFS1040	M10×40
CLF1225	M12×25	CLFS1225	M12×25

Flat washers



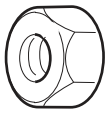
Ordering code	Size	Ordering code	Size
Electroplated zinc		Stainless steel	
CLFW06	M6	CLFWS06	M6
CLFW08	M8	CLFWS08	M8
CLFW10	M10	CLFWS10	M10
CLFW12	M12	CLFWS12	M12

Shakeproof washers

Ordering code	Size	Ordering code	Size
Electroplated zinc		Electroplated zinc	
CLSW06	M6	CLSW10	M10
CLSW08	M8	CLSW12	M12

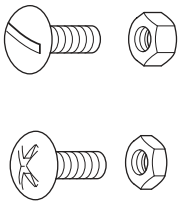
Hexagon nuts

Ordering Code	Size	Ordering Code	Size
Electroplated zinc		CLHNG10	M10
CLHN06	M6	CLHNG12	M12
CLHN08	M8	Stainless steel	
CLHN10	M10	CLHNS06	M6
CLHN12	M12	CLHNS08	M8
Hot dip galvanised		CLHNS10	M10
CLHNG06	M6	CLHNS12	M12
CLHNG08	M8		



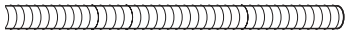
Roofing nuts & bolts

Ordering code	Size	Ordering code	Size
Electroplated zinc		Hot dip galvanised	
CLRB0612	M6×12	CLRBG0612	M6×12
CLRB0616	M6×16	CLRBG0616	M6×16
CLRB0620	M6×20	Stainless steel	
CLRB0625	M6×25	CLRBS0612	M6×12
CLRB0630	M6×30	CLRBS0616	M6×16
CLRB0640	M6×40	CLRBS0620	M6×20
CLRB0650	M6×50		



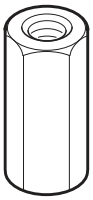
Threaded rods

Ordering code	Size	Ordering code	Size
Electroplated zinc		Stainless steel	
CLTR06	M6×3 m	CLTRS06	M6×3 m
CLTR08	M8×3 m	CLTRS08	M8×3 m
CLTR10	M10×3 m	CLTRS10	M10×3 m
CLTR12	M12×3 m	CLTRS12	M12×3 m



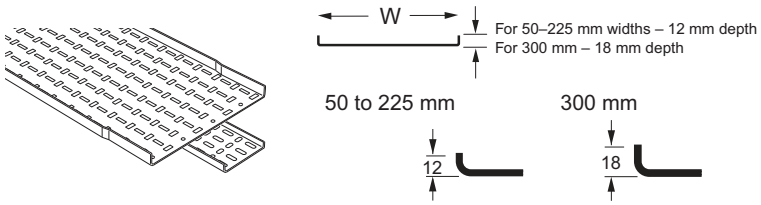
Threaded rod connectors

Ordering Code	Size
Electroplated zinc	
CLRC06	M6
CLRC08	M8
CLRC10	M10
CLRC12	M12



Cable Tray Systems-Light Duty

» Straight Section

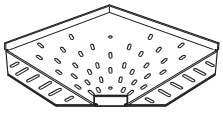


The straight sections and accessories have integral couplings, no separate couplers are needed. For tray cut to length use fishplates across tray-to-tray joint.

Ordering Code	Width	Depth	Length
	mm	mm	m
CT050	50	12	3
CT075	75	12	3
CT100	100	12	3
CT150	150	12	3
CT225	225	12	3
CT300	300	18	3

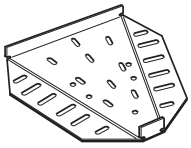
» Fittings

All fittings have integral fishplates and no couplers required.



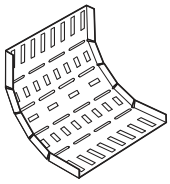
Flat bends

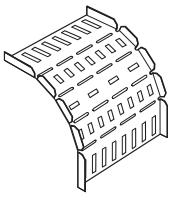
Ordering Code	Width(W)	Radius(R)	Angle
	mm	mm	°
CTB05090	50	50	90
CTB07590	75	50	90
CTB10090	100	50	90
CTB15090	150	50	90
CTB22590	225	50	90
CTB30090	300	50	90
CTB05045	50	50	45
CTB07545	75	50	45
CTB10045	100	50	45
CTB15045	150	50	45
CTB22545	225	50	45
CTB30045	300	50	45



Fixed risers

Ordering Code	Width(W)	Radius(R)	Angle
	mm	mm	°
CTIR05090	50	75	90
CTIR07590	75	75	90
CTIR10090	100	75	90
CTIR15090	150	75	90
CTIR22590	225	150	90
CTIR30090	300	150	90
CTIR05045	50	75	45
CTIR07545	75	75	45
CTIR10045	100	75	45
CTIR15045	150	75	45
CTIR22545	225	150	45
CTIR30045	300	150	45

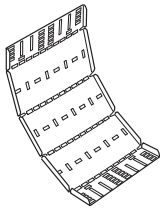




CTIR represents inside riser. CTIR will be changed to CTOR if inside riser is changed to outside riser.

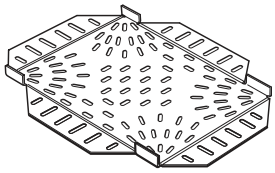
Adjustable risers

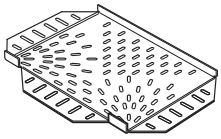
Ordering Code	Width(W)	Radius(R)	Angle	Length When Flat
	mm	mm	°	mm
CTAR050	50	200~300	0~90	554
CTAR075	75	200~300	0~90	554
CTAR100	100	200~300	0~90	554
CTAR150	150	200~300	0~90	554
CTAR225	225	200~300	0~90	554
CTAR300	300	200~300	0~90	554



Equal tees or 4 way crosspieces

Ordering Code	Width(W)	Radius(R)
	mm	mm
CTT050	50	50
CTT075	75	50
CTT100	100	50
CTT150	150	50
CTT225	225	50
CTT300	300	50

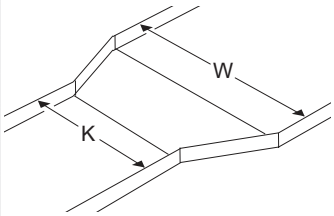




CTT represents equal tee. CTT will be changed to CTX if equal tee is changed to 4 way crosspiece.

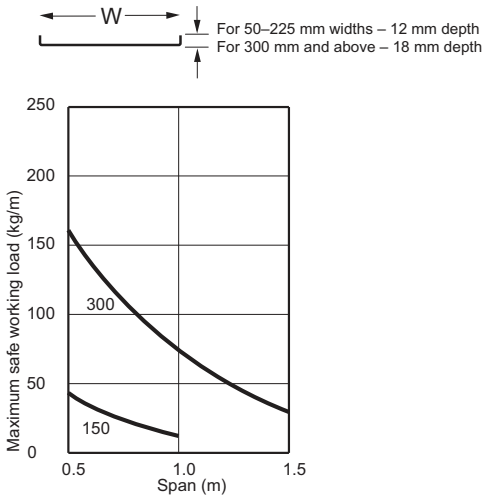
Reducers

Ordering Code	Width(W)	Width(K)	Ordering Code	Width(W)	Width(K)
	mm	mm		mm	mm
CTR075050	75	50	CTR225100	225	100
CTR100050	100	50	CTR225150	225	150
CTR100075	100	75	CTR300050	300	50
CTR150050	150	50	CTR300075	300	75
CTR150075	150	75	CTR300100	300	100
CTR150100	150	100	CTR300150	300	150
CTR225050	225	50	CTR300225	300	225
CTR225075	225	75			



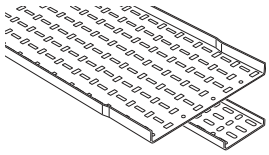
» Loading Graphs

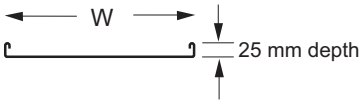
The loads shown on the graph are the safe recommended maximum loads that can be applied and must include wind, snow and any other external forces in addition to the cable load. The graphs show the maximum load for ladder installed at a support spacing within its recommended range. When the graph line is above the intersection of the required load and span lines, the support equipment is suitable for use within those load and span conditions. The graphs shown are for galvanised and deep galvanised finishes.



Cable Tray Systems-Medium Duty Return Flange

» Straight Section

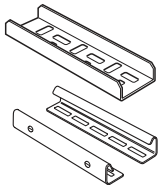




Ordering Code	Width	Depth	Length
	mm	mm	m
CTM050	50	25	3
CTM075	75	25	3
CTM100	100	25	3
CTM150	150	25	3
CTM225	225	25	3
CTM300	300	25	3
CTM450	450	25	3
CTM600	600	25	3

» Coupler Sets

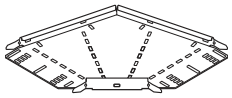
Coupler sets are used to join straight lengths. Standard couplers are supplied in pairs, quick bolt couplers are supplied in packs containing couplers and coach bolts. For tray widths 300 mm and above use two additional coach bolts per coupler

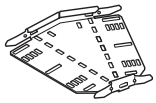


» Fittings

Flat bends

Ordering Code	Width(W)	Radius(R)	Angle
	mm	mm	°
CTMFB05090	50	125	90
CTMFB07590	75	125	90
CTMFB10090	100	125	90
CTMFB15090	150	125	90
CTMFB22590	225	125	90
CTMFB30090	300	125	90
CTMFB45090	450	125	90
CTMFB60090	600	125	90

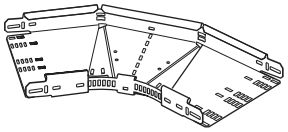




Ordering Code	Width(W)	Radius(R)	Angle
	mm	mm	°
CTMFB05045	50	125	45
CTMFB07545	75	125	45
CTMFB10045	100	125	45
CTMFB15045	150	125	45
CTMFB22545	225	125	45
CTMFB30045	300	125	45
CTMFB45045	450	125	45
CTMFB60045	600	125	45

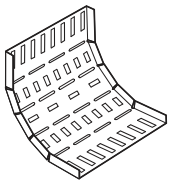
Adjustable bends

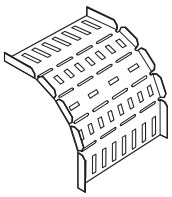
Ordering Code	Width(W)	Angle	Ordering Code	Width(W)	Angle
	mm	°		mm	°
CTMAB05090	50	30~90	CTMAB22590	225	30~90
CTMAB07590	75	30~90	CTMAB30090	300	30~90
CTMAB10090	100	30~90	CTMAB45090	450	30~90
CTMAB15090	150	30~90	CTMAB60090	600	30~90



Fixed risers

Ordering Code	Width(W)	Radius(R)	Angle
	mm	mm	°
CTMIR05090	50	260	90
CTMIR07590	75	260	90
CTMIR10090	100	260	90
CTMIR15090	150	260	90
CTMIR22590	225	260	90
CTMIR30090	300	260	90
CTMIR45090	450	260	90
CTMIR60090	600	260	90
CTMIR05045	50	260	45
CTMIR07545	75	260	45
CTMIR10045	100	260	45
CTMIR15045	150	260	45
CTMIR22545	225	260	45
CTMIR30045	300	260	45
CTMIR45045	450	260	90
CTMIR60045	600	260	90

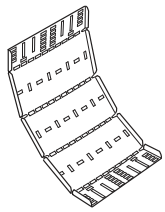




CTMIR represents inside riser. CTMIR will be changed to CTMOR if inside riser is changed to outside riser.

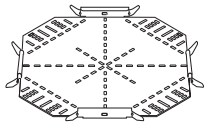
Adjustable risers

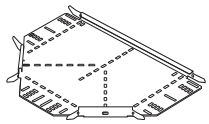
Ordering Code	Width(W)	Radius(R)	Angle	Length when flat
	mm	mm	°	mm
CTMAR050	50	200~300	0~90	554
CTMAR075	75	200~300	0~90	554
CTMAR100	100	200~300	0~90	554
CTMAR150	150	200~300	0~90	554
CTMAR225	225	200~300	0~90	554
CTMAR300	300	200~300	0~90	554
CTMAR450	450	200~300	0~90	554
CTMAR600	600	200~300	0~90	554



Equal tees or 4 way crosspieces

Ordering Code	Width(W)	Radius(R)
	mm	mm
CTMT050	50	125
CTMT075	75	125
CTMT100	100	125
CTMT150	150	125
CTMT225	225	125
CTMT300	300	125
CTMT450	450	125
CTMT600	600	125

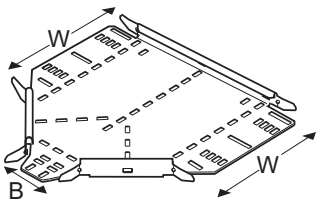




CTMT represents equal tee. CTMT will be changed to CTMX if equal tee is changed to 4 way crosspiece.

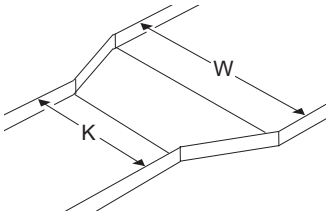
Unequal tees

Ordering Code	Width (W)	Branch Width(B)	Ordering Code	Width (W)	Branch Width(B)
	mm	mm		mm	mm
CTMUT075050	75	50	CTMUT300225	300	225
CTMUT100050	100	50	CTMUT450050	450	50
CTMUT100075	100	75	CTMUT450075	450	75
CTMUT150050	150	50	CTMUT450100	450	100
CTMUT150075	150	75	CTMUT450150	450	150
CTMUT150100	150	100	CTMUT450225	450	225
CTMUT225050	225	50	CTMUT450300	450	300
CTMUT225075	225	75	CTMUT600050	600	50
CTMUT225100	225	100	CTMUT600075	600	75
CTMUT225150	225	150	CTMUT600100	600	100
CTMUT300050	300	50	CTMUT600150	600	150
CTMUT300075	300	75	CTMUT600225	600	225
CTMUT300100	300	100	CTMUT600300	600	300
CTMUT300150	300	150	CTMUT600450	600	450



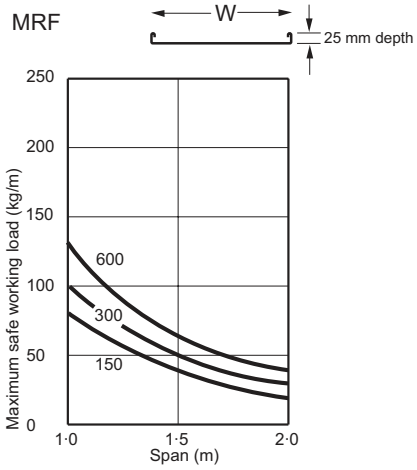
Reducers

Ordering Code	Width (W)	Width (K)	Ordering Code	Width (W)	Width (K)
	mm	mm		mm	mm
CTMFR075050	75	50	CTMFR300225	300	225
CTMFR100050	100	50	CTMFR450050	450	50
CTMFR100075	100	75	CTMFR450075	450	75
CTMFR150050	150	50	CTMFR450100	450	100
CTMFR150075	150	75	CTMFR450150	450	150
CTMFR150100	150	100	CTMFR450225	450	225
CTMFR225050	225	50	CTMFR450300	450	300
CTMFR225075	225	75	CTMFR600050	600	50
CTMFR225100	225	100	CTMFR600075	600	75
CTMFR225150	225	150	CTMFR600100	600	100
CTMFR300050	300	50	CTMFR600150	600	150
CTMFR300075	300	75	CTMFR600225	600	225
CTMFR300100	300	100	CTMFR600300	600	300
CTMFR300150	300	150	CTMFR600450	600	450



» Loading Graphs

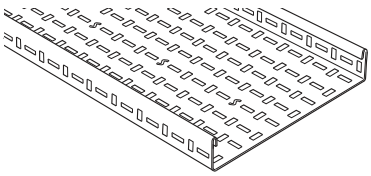
The loads shown on the graph are the safe recommended maximum loads that can be applied and must include wind, snow and any other external forces in addition to the cable load. The graphs show the maximum load for ladder installed at a support spacing within its recommended range. When the graph line is above the intersection of the required load and span lines, the support equipment is suitable for use within those load and span conditions. The graphs shown are for galvanised and deep galvanised finishes.



Cable Tray Systems-Heavy Duty Return Flange

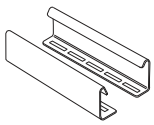
» Straight Section

Ordering Code	Width	Depth	Length
	mm	mm	m
CTH075	75	50	3
CTH100	100	50	3
CTH150	150	50	3
CTH225	225	50	3
CTH300	300	50	3
CTH450	450	50	3
CTH600	600	50	3
CTH750	750	50	3
CTH900	900	50	3



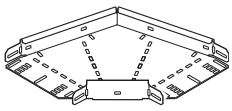
» Coupler Sets

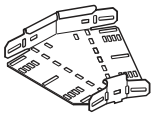
Coupler sets are used to join straight lengths. Standard couplers are supplied in pairs, quick bolt couplers are supplied in packs containing couplers and coach bolts. For tray widths 300 mm and above use two additional coach bolts per coupler.



» Fittings

Flat bends



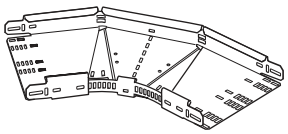


Ordering Code	Width(W)	Radius(R)	Angle
	mm	mm	°
CTHFB07590	75	125	90
CTHFB10090	100	125	90
CTHFB15090	150	125	90
CTHFB22590	225	125	90
CTHFB30090	300	125	90
CTHFB45090	450	125	90
CTHFB60090	600	125	90
CTHFB75090	750	125	90
CTHFB90090	900	125	90

Ordering Code	Width(W)	Radius(R)	Angle
	mm	mm	°
CTHFB05045	50	125	45
CTHFB07545	75	125	45
CTHFB10045	100	125	45
CTHFB15045	150	125	45
CTHFB22545	225	125	45
CTHFB30045	300	125	45
CTHFB45045	450	125	45
CTHFB60045	600	125	45
CTHFB75045	750	125	45
CTHFB90045	900	125	45

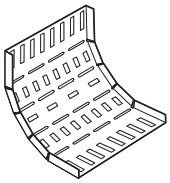
Adjustable bends

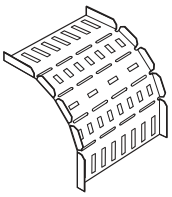
Ordering Code	Width (W)	Angle	Ordering Code	Width (W)	Angle
	mm	°		mm	°
CTHAB05090	50	30~90	CTHAB30090	300	30~90
CTHAB07590	75	30~90	CTHAB45090	300	30~90
CTHAB10090	100	30~90	CTHAB60090	300	30~90
CTHAB15090	150	30~90	CTHAB75090	300	30~90
CTHAB22590	225	30~90	CTHAB90090	300	30~90



Fixed risers

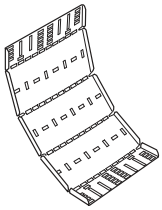
Ordering Code	Width(W)	Radius(R)	Angle
	mm	mm	°
CTHFIR05090	50	260	90
CTHFIR07590	75	260	90
CTHFIR10090	100	260	90
CTHFIR15090	150	260	90
CTHFIR22590	225	260	90
CTHFIR30090	300	260	90
CTHFIR45090	450	260	90
CTHFIR60090	600	260	90
CTHFIR75090	750	260	90
CTHFIR90090	900	260	90
CTHFIR05045	50	260	45
CTHFIR07545	75	260	45
CTHFIR10045	100	260	45
CTHFIR15045	150	260	45
CTHFIR22545	225	260	45
CTHFIR30045	300	260	45
CTHFIR45045	450	260	90
CTHFIR60045	600	260	90
CTHFIR75045	750	260	45
CTHFIR90045	900	260	45





CTHFIR represents inside riser. CTHFIR will be changed to CTHFOR if inside riser is changed to outside riser.

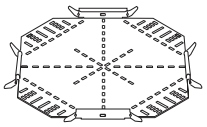
Adjustable risers

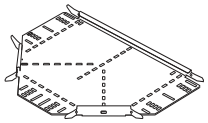


Ordering Code	Width(W)	Radius(R)	Angle	Length When Flat
	mm	mm	°	mm
CTHAR050	50	200~300	0~90	554
CTHAR075	75	200~300	0~90	554
CTHAR100	100	200~300	0~90	554
CTHAR150	150	200~300	0~90	554
CTHAR225	225	200~300	0~90	554
CTHAR300	300	200~300	0~90	554
CTHAR450	450	200~300	0~90	554
CTHAR600	600	200~300	0~90	554
CTHAR750	750	200~300	0~90	554
CTHAR900	900	200~300	0~90	554
CTHAXR050	50	200~650	0~90	1087
CTHAXR075	75	200~650	0~90	1087
CTHAXR100	100	200~650	0~90	1087
CTHAXR150	150	200~650	0~90	1087
CTHAXR225	225	200~650	0~90	1087
CTHAXR300	300	200~650	0~90	1087
CTHAXR450	450	200~650	0~90	1087
CTHAXR600	600	200~650	0~90	1087
CTHAXR750	750	200~650	0~90	1087
CTHAXR900	900	200~650	0~90	1087

Equal tees or 4 way crosspieces

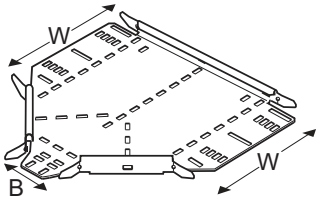
Ordering Code	Width (W)	Radius (R)	Ordering Code	Width (W)	Radius (R)
	mm	mm		mm	mm
CTHT050	50	125	CTHT300	300	125
CTHT075	75	125	CTHT450	450	125
CTHT100	100	125	CTHT600	600	125
CTHT150	150	125	CTHT750	750	125
CTHT225	225	125	CTHT900	900	125





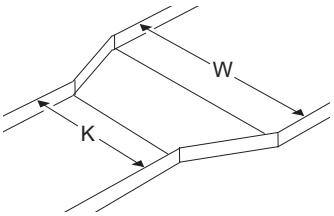
CTHT represents equal tee. CTHT will be changed to CTHX if equal tee is changed to 4 way crosspiece.

Unequal tees



Ordering Code	Width (W)	Branch Width (B)	Ordering Code	Width (W)	Branch Width (B)
	mm	mm		mm	mm
CTHUT075050	75	50	CTHUT600100	600	100
CTHUT100050	100	50	CTHUT600150	600	150
CTHUT100075	100	75	CTHUT600225	600	225
CTHUT150050	150	50	CTHUT600300	600	300
CTHUT150075	150	75	CTHUT600450	600	450
CTHUT150100	150	100	CTHUT750050	750	50
CTHUT225050	225	50	CTHUT750075	750	75
CTHUT225075	225	75	CTHUT750100	750	100
CTHUT225100	225	100	CTHUT750150	750	150
CTHUT225150	225	150	CTHUT750225	750	225
CTHUT300050	300	50	CTHUT750300	750	300
CTHUT300075	300	75	CTHUT750450	750	450
CTHUT300100	300	100	CTHUT750600	750	600
CTHUT300150	300	150	CTHUT900050	900	50
CTHUT300225	300	225	CTHUT900075	900	75
CTHUT450050	450	50	CTHUT900100	900	100
CTHUT450075	450	75	CTHUT900150	900	150
CTHUT450100	450	100	CTHUT900225	900	225
CTHUT450150	450	150	CTHUT900300	900	300
CTHUT450225	450	225	CTHUT900450	900	450
CTHUT450300	450	300	CTHUT900600	900	600
CTHUT600050	600	50	CTHUT900750	900	750
CTHUT600075	600	75			

Reducers

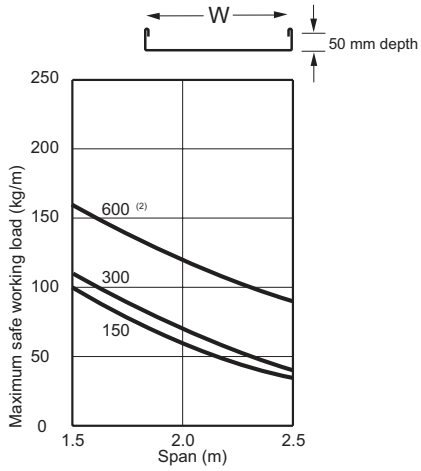


Ordering Code	Width (W)	Width (K)	Ordering Code	Width (W)	Width (K)
	mm	mm		mm	mm
CTHR075050	75	50	CTHR450225	450	225
CTHR100050	100	50	CTHR450300	450	300
CTHR100075	100	75	CTHR750050	750	50
CTHR150050	150	50	CTHR750075	750	75
CTHR150075	150	75	CTHR750100	750	100

Ordering Code	Width (W)	Width (K)	Ordering Code	Width (W)	Width (K)
	mm	mm		mm	mm
CTHR150100	150	100	CTHR750150	750	150
CTHR225050	225	50	CTHR750225	750	225
CTHR225075	225	75	CTHR750300	750	300
CTHR225100	225	100	CTHR750450	750	450
CTHR225150	225	150	CTHR750600	750	600
CTHR300050	300	50	CTHR900050	600	50
CTHR300075	300	75	CTHR900075	600	75
CTHR300100	300	100	CTHR900100	600	100
CTHR300150	300	150	CTHR900150	600	150
CTHR300225	300	225	CTHR900225	600	225
CTHR450050	450	50	CTHR900300	600	300
CTHR450075	450	75	CTHR900450	600	450
CTHR450100	450	100	CTHR900600	600	600
CTHR450150	450	150	CTHR900750	600	750

» Loading Graphs

The loads shown on the graph are the safe recommended maximum loads that can be applied and must include wind, snow and any other external forces in addition to the cable load. The graphs show the maximum load for ladder installed at a support spacing within its recommended range. When the graph line is above the intersection of the required load and span lines, the support equipment is suitable for use within those load and span conditions. The graphs shown are for galvanised and deep galvanised finishes.



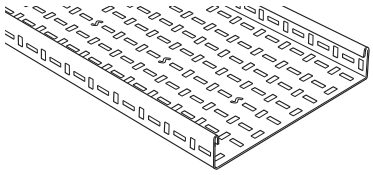
On wider medium duty and heavy duty trays the maximum safe working load can be increased by fitting an appropriate fishplate across the underside of each tray-to-tray joint

(1) W = Widths
(2) Tested with fishplates

Cable Tray Systems-Extra Heavy Duty Return Flange

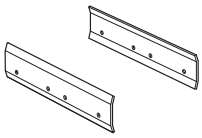
» Straight Section

Ordering Code	Width	Depth	Length
	mm	mm	m
CTE100	100	80	3
CTE150	150	80	3
CTE225	225	80	3
CTE300	300	80	3
CTE450	450	80	3
CTE600	600	80	3



» Coupler Sets

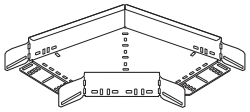
Coupler sets are used to join straight lengths, supplied in pairs.

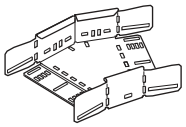


» Fittings

Flat bends

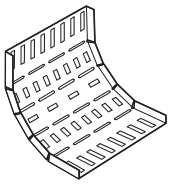
Ordering Code	Width(W)	Radius(R)	Angle
	mm	mm	°
CTEFB10090	100	180	90
CTEFB15090	150	180	90
CTEFB22590	225	180	90
CTEFB30090	300	180	90
CTEFB45090	450	240	90
CTEFB60090	600	240	90
CTEFB10045	100	180	45
CTEFB15045	150	180	45
CTEFB22545	225	180	45
CTEFB30045	300	180	45
CTEFB45045	450	240	45
CTEFB60045	600	240	45



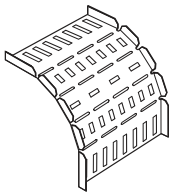


Fixed risers

Ordering Code	Width(W)	Radius(R)	Angle
	mm	mm	°
CTEFIR10090	100	180	90
CTEFIR15090	150	180	90
CTEFIR22590	225	180	90
CTEFIR30090	300	180	90



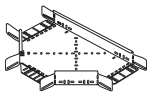
Ordering Code	Width(W)	Radius(R)	Angle
	mm	mm	°
CTEFIR45090	450	240	90
CTEFIR60090	600	240	90
CTEFIR10045	100	180	45
CTEFIR15045	150	180	45
CTEFIR22545	225	180	45
CTEFIR30045	300	180	45
CTEFIR45045	450	240	90
CTEFIR60045	600	240	90

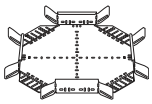


CTEFIR represents inside riser. CTEFIR will be changed to CTEFOR if inside riser is changed to outside riser.

Equal tees or 4 way crosspieces

Ordering Code	Width(W)	Radius(R)
	mm	mm
CTET100	100	180
CTET150	150	180
CTET225	225	180
CTET300	300	180
CTET450	450	240
CTET600	600	240

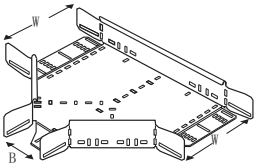




CTET represents equal tee. CTET will be changed to CTEX if equal tee is changed to 4 way crosspiece.

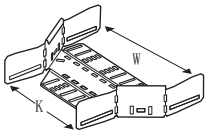
Unequal tees

Ordering Code	Width (W)	Branch Width(B)	Ordering Code	Width (W)	Branch Width(B)
	mm	mm		mm	mm
CTEUT100075	100	75	CTEUT450050	450	50
CTEUT150050	150	50	CTEUT450075	450	75
CTEUT150075	150	75	CTEUT450100	450	100
CTEUT150100	150	100	CTEUT450150	450	150
CTEUT225050	225	50	CTEUT450225	450	225
CTEUT225075	225	75	CTEUT450300	450	300
CTEUT225100	225	100	CTEUT600050	600	50
CTEUT225150	225	150	CTEUT600075	600	75
CTEUT300050	300	50	CTEUT600100	600	100
CTEUT300075	300	75	CTEUT600150	600	150
CTEUT300100	300	100	CTEUT600225	600	225
CTEUT300150	300	150	CTEUT600300	600	300
CTEUT300225	300	225	CTEUT600450	600	450



Reducers

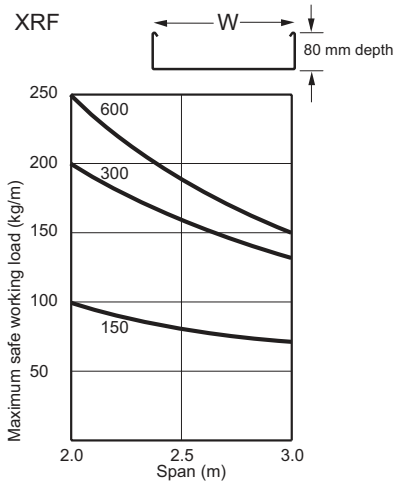
Ordering Code	Width(W)	Width(K)
	mm	mm
CTER100050	100	50
CTER100075	100	75
CTER150050	150	50



Ordering Code	Width(W)	Width(K)
	mm	mm
CTER150075	150	75
CTER150100	150	100
CTER225050	225	50
CTER225075	225	75
CTER225100	225	100
CTER225150	225	150
CTER300050	300	50
CTER300075	300	75
CTER300100	300	100
CTER300150	300	150
CTER300225	300	225
CTER450050	450	50
CTER450075	450	75
CTER450100	450	100
CTER450150	450	150
CTER450225	450	225
CTER450300	450	300

» Loading Graphs

The loads shown on the graph are the safe recommended maximum loads that can be applied and must include wind, snow and any other external forces in addition to the cable load. The graphs show the maximum load for ladder installed at a support spacing within its recommended range. When the graph line is above the intersection of the required load and span lines, the support equipment is suitable for use within those load and span conditions. The graphs shown are for galvanised and deep galvanised finishes.

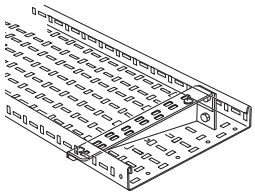


On extra heavy duty trays the graph shows the maximum safe working load when a fishplate is fitted across the underside of each tray-to-tray joint. Typical cable loads which are normally 50% of the maximum would not require a fishplate

Cable Tray Systems-Supports

» Light Duty Cantilever Arms

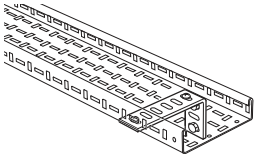
Light duty cantilever arms are supplied singly without fastenings, used to fit horizontal runs of tray and light duty ladder to flat surfaces and channel, suitable for all tray widths.

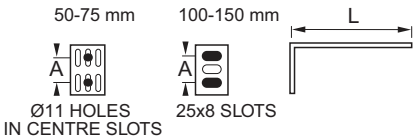


Ordering Code	Width	A	L
	mm	mm	mm
CTCA100	100	30	140
CTCA150	150	30	190
CTCA225	225	45	265
CTCA300	300	45	340
CTCA450	450	75	490
CTCA600	600	125	640
CTCA750	750	175	790
CTCA900	900	225	940

» Light Duty Cantilever Brackets

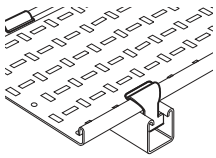
Light duty cantilever brackets are supplied singly without fastenings, used to fit horizontal runs of lightly loaded tray up to 150 mm wide to flat surfaces and channel.





Ordering Code	Width	A	L
	mm	mm	mm
CTCB050	50	37	50
CTCB075	75	37	75
CTCB100	100	45	105
CTCB150	150	45	150

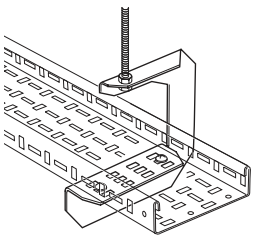
» Easi-clip



Easi-clips are used to connect medium duty tray to channel. Zinc coated finish.

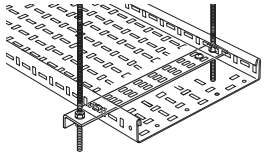
» Overhead Hangers

Overhead hangers are supplied singly without fastenings, used to support horizontal runs of lightly loaded tray up to 150 mm wide from overhead structures, use M10 threaded rod.

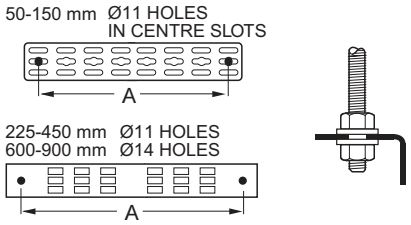


» Light Duty Trapeze Hangers

Light duty trapeze hangers are supplied singly without fastenings, used to support horizontal runs of tray and light duty ladder from overhead structures. Up to 450 mm wide use M10 threaded rods, for 600 mm wide and above use M12 threaded rods.



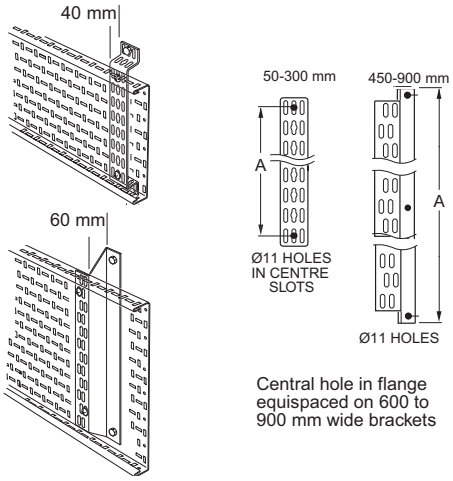
Ordering Code	Width	A
	mm	mm
CTTH050	50	75
CTTH075	75	112
CTTH100	100	150
CTTH150	150	187
CTTH225	225	280
CTTH300	300	355
CTTH450	450	505
CTTH600	600	660
CTTH750	750	810
CTTH900	900	960



» Stand-Off Brackets

Stand-off brackets are supplied singly without fastenings, used to fit vertical or horizontal runs of tray to vertical surfaces, floors and channel.

Ordering Code	Width	A
	mm	mm
CTSB050	50	82
CTSB075	75	120
CTSB100	100	157
CTSB150	150	195
CTSB225	225	273
CTSB300	300	349
CTSB450	450	485
CTSB600	600	635
CTSB750	750	785
CTSB900	900	900

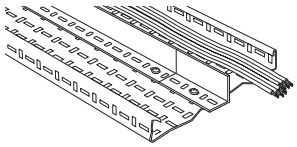


Central hole in flange equispaced on 600 to 900 mm wide brackets

Cable Tray Systems-Accessories

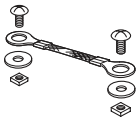
» Dividers

Dividers are supplied singly without fastenings, used to separate different types or groups of cable within one cable tray run.



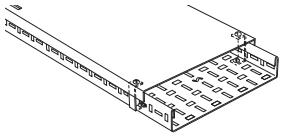
» Earth Continuity Connectors

Earth Continuity Connectors not included fastenings, use M6 x 12 mm roofing nuts and bolts. Copper braid and copper lugs both in electrotinned finish. Length between centres is 93 mm, conductor area is 4 mm².



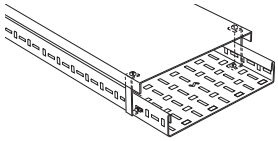
» Straight Closed Covers

Straight closed covers (3 m) are supplied singly with fastenings and brackets.



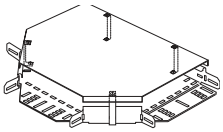
» Straight Ventilated Covers

Straight ventilated covers (3 m) are supplied singly with fastenings and brackets



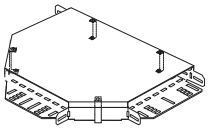
» Accessory Closed Covers

Accessory closed covers are supplied singly with fastenings and brackets.



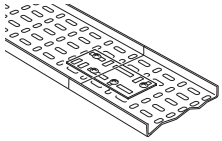
» Accessory Ventilated Covers

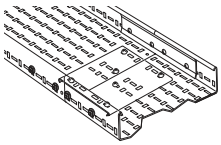
Accessory ventilated covers are supplied singly with fastenings and brackets.

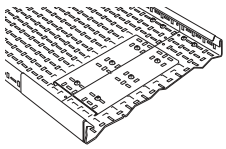


» Fishplates

Fishplates are designed for extra strength when joining cable tray beds, supplied singly without fastenings. They fit across the underside of the tray joint to provide added strength and increase the safe working load. They also greatly enhance the lateral rigidity of the joint and prevent unevenness in the bed between adjacent trays.



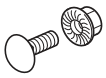




Cable Tray Systems-Standard Fastenings

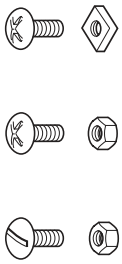
» Coach Bolts

Coach Bolts are made of high grade steel with Dacromet finish, used to secure fittings to straight lengths and used with quick bolt couplers on 300 mm and above tray widths.



» Roofing Nuts and Bolts

Ordering Code	Size	Ordering Code	Size
Electroplated zinc		Hot dip galvanised	
CTRB0612	M6×12	CTRBG0612	M6×12
CTRB0616	M6×16	CTRBG0616	M6×16
CTRB0620	M6×20	Stainless steel	
CTRB0625	M6×25	CTRBS0612	M6×12
CTRB0630	M6×30	CTRBS0616	M6×16
CTRB0640	M6×40	CTRBS0620	M6×20
CTRB0650	M6×50		

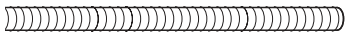


» Roofing Washers

M6 hot dip galvanized

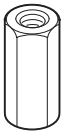
» Threaded Rods

Ordering Code	Size	Ordering Code	Size
Electroplated zinc		Stainless steel	
CTTR06	M6×3 m	CTTRS06	M6×3 m
CTTR08	M8×3 m	CTTRS08	M8×3 m
CTTR10	M10×3 m	CTTRS10	M10×3 m
CTTR12	M12×3 m	CTTRS12	M12×3 m



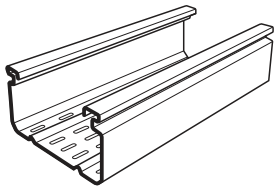
» Threaded Rod Connectors

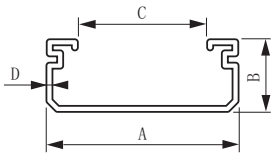
Ordering Code	Size	Ordering Code	Size
Electroplated zinc			
CTRC06	M6	CTRC10	M10
CTRC08	M8	CTRC12	M12

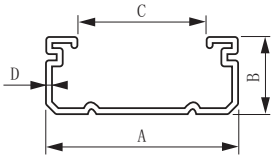


PVC-U Cable Tray

» Straight Section







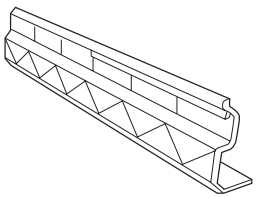
Conform to BS EN 61537, Length is 3 m.

Perforated

Ordering Code	Width	Depth	Perforation Slot Size	A	B	C	D
	mm	mm	mm×mm	mm	mm	mm	mm
CP075050	75	50	9×25 and 7×25	75	50	32.4	2.1
CP100050	100	50	9×25 and 7×25	100	50	57	2.3
CP150050	150	50	9×25 and 7×25	150	50.2	106.6	2.6
CP200050	200	50	9×25 and 7×25	200	50	136.6	2.5
CP300050	300	50	9×25 and 7×25	300	52	232.6	3.5
CP400050	400	50	9×25 and 7×25	400	53	330.6	4
CP075075	75	75	9×25 and 7×25	75	75	32	2.3
CP100075	100	75	9×25 and 7×25	100	75	57	2.3
CP150075	150	75	9×25 and 7×25	150	75.3	106.2	2.7
CP200075	200	75	9×25 and 7×25	200	75	138.8	2.8
CP300075	300	75	9×25 and 7×25	300	77	234.4	3.8
CP400075	400	75	9×25 and 7×25	400	77.8	332.8	4.2
CP200100	200	100	9×25 and 7×25	200	100	130	3.8
CP300100	300	100	9×25 and 7×25	300	100.4	210	4
CP400100	400	100	9×25 and 7×25	400	101.4	300	4.5
CP500100	500	100	9×25 and 7×25	500	101.4	370	4.5
CP600100	600	100	9×25 and 7×25	600	102	470	4.8

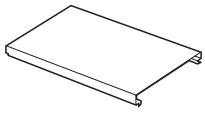
Couplers

Ordering Code	Width	Depth
	mm	mm
CPC150050	For 75~150	50
CPC400050	For 200~400	50
CPC150075	For 75~150	75
CPC400075	For 200~400	75
CPC600100	For 200~600	100



» Covers

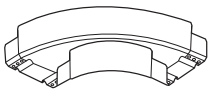
Ordering Code	Width	Ordering Code	Width
	mm		mm
CPC075	75	CPC300	300
CPC100	100	CPC400	400
CPC150	150	CPC500	500
CPC200	200	CPC600	600



» Fittings

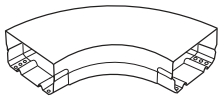
Flat 90° bends

Ordering Code	Width	Depth	Ordering Code	Width	Depth
	mm	mm		mm	mm
CPFB075050	75	50	CPFB200075	200	75
CPFB100050	100	50	CPFB300075	300	75
CPFB150050	150	50	CPFB400075	400	75
CPFB200050	200	50	CPFB200100	200	100
CPFB300050	300	50	CPFB300100	300	100
CPFB400050	400	50	CPFB400100	400	100
CPFB075075	75	75	CPFB500100	500	100
CPFB100075	100	75	CPFB600100	600	100
CPFB150075	150	75			



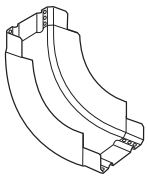
Flat 90° bends with cover

Ordering Code	Width	Depth	Ordering Code	Width	Depth
	mm	mm		mm	mm
CPFBC075050	75	50	CPFBC200075	200	75
CPFBC100050	100	50	CPFBC300075	300	75
CPFBC150050	150	50	CPFBC400075	400	75
CPFBC200050	200	50	CPFBC200100	200	100
CPFBC300050	300	50	CPFBC300100	300	100
CPFBC400050	400	50	CPFBC400100	400	100
CPFBC075075	75	75	CPFBC500100	500	100
CPFBC100075	100	75	CPFBC600100	600	100
CPFBC150075	150	75			



Inside 90° risers

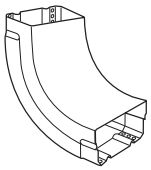
Ordering Code	Width	Depth	Ordering Code	Width	Depth
	mm	mm		mm	mm
CPIR075050	75	50	CPIR200075	200	75
CPIR100050	100	50	CPIR300075	300	75
CPIR150050	150	50	CPIR400075	400	75
CPIR200050	200	50	CPIR200100	200	100



Ordering Code	Width	Depth	Ordering Code	Width	Depth
	mm	mm		mm	mm
CPIR300050	300	50	CPIR300100	300	100
CPIR400050	400	50	CPIR400100	400	100
CPIR075075	75	75	CPIR500100	500	100
CPIR100075	100	75	CPIR600100	600	100
CPIR150075	150	75			

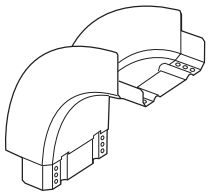
Inside 90° risers with cover

Ordering Code	Width	Depth	Ordering Code	Width	Depth
	mm	mm		mm	mm
CPIRC075050	75	50	CPIRC200075	200	75
CPIRC100050	100	50	CPIRC300075	300	75
CPIRC150050	150	50	CPIRC400075	400	75
CPIRC200050	200	50	CPIRC200100	200	100
CPIRC300050	300	50	CPIRC300100	300	100
CPIRC400050	400	50	CPIRC400100	400	100
CPIRC075075	75	75	CPIRC500100	500	100
CPIRC100075	100	75	CPIRC600100	600	100
CPIRC150075	150	75			



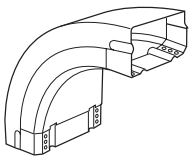
Outside 90° risers

Ordering Code	Width	Depth	Ordering Code	Width	Depth
	mm	mm		mm	mm
CPOR075050	75	50	CPOR200075	200	75
CPOR100050	100	50	CPOR300075	300	75
CPOR150050	150	50	CPOR400075	400	75
CPOR200050	200	50	CPOR200100	200	100
CPOR300050	300	50	CPOR300100	300	100
CPOR400050	400	50	CPOR400100	400	100
CPOR075075	75	75	CPOR500100	500	100
CPOR100075	100	75	CPOR600100	600	100
CPOR150075	150	75			



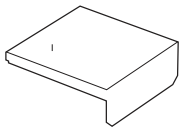
Outside 90° risers with cover

Ordering Code	Width	Depth	Ordering Code	Width	Depth
	mm	mm		mm	mm
CPORC075050	75	50	CPORC200075	200	75
CPORC100050	100	50	CPORC300075	300	75
CPORC150050	150	50	CPORC400075	400	75
CPORC200050	200	50	CPORC200100	200	100
CPORC300050	300	50	CPORC300100	300	100
CPORC400050	400	50	CPORC400100	400	100
CPORC075075	75	75	CPORC500100	500	100
CPORC100075	100	75	CPORC600100	600	100
CPORC150075	150	75			



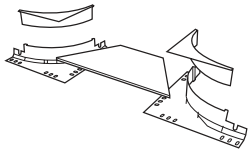
End caps

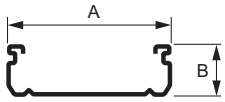
Ordering Code	Width	Depth	Ordering Code	Width	Depth
	mm	mm		mm	mm
CPE075050	75	50	CPE200075	200	75
CPE100050	100	50	CPE300075	300	75
CPE150050	150	50	CPE400075	400	75
CPE200050	200	50	CPE200100	200	100
CPE300050	300	50	CPE300100	300	100
CPE400050	400	50	CPE400100	400	100
CPE075075	75	75	CPE500100	500	100
CPE100075	100	75	CPE600100	600	100
CPE150075	150	75			



Tee kits

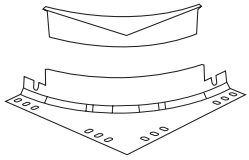
Ordering Code	Applicable Range	Ordering Code	Applicable Range
CPT075075	For 75×50 and 75×75	CPT200100	For 200×100
CPT100075	For 100×50 and 100×75	CPT300100	For 300×100
CPT150075	For 150×50 and 150×75	CPT400100	For 400×100
CPT200075	For 200×50 and 200×75	CPT500100	For 500×100
CPT300075	For 300×50 and 300×75	CPT600100	For 600×100
CPT400075	For 400×50 and 400×75		





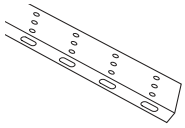
Tee Intersection

Ordering Code	Applicable Range
CPTI050	For 50 mm depth tray
CPTI075	For 75 mm depth tray
CPTI100	For 100 mm depth tray



Divider

Ordering Code	Applicable Range
CPTI050	For 50 mm depth tray
CPTI075	For 75 mm depth tray
CPTI100	For 100 mm depth tray

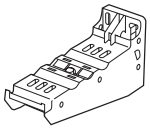


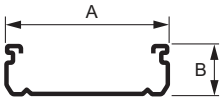
PVC-U Cable Tray-Supports & Accessories

» Supports

Cantilever arms

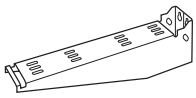
Ordering Code	Width	A×B
	mm	mm×mm
CPCA100	For 75/100	75 x 50 75 x 75 100 x 50 100 x 75
CPCA150	For 150	150 x 50 150 x 75
CPCA200	For 200	200 x 50 200 x 75 200 x 100
CPCA300	For 300	300 x 50 300 x 75 300 x 100

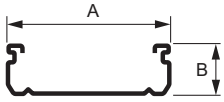




Steel - plastic coated

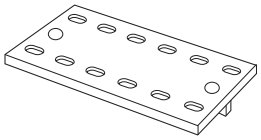
Ordering Code	Width	A×B
	mm	mm×mm
CPCAS300	For 300	300 x 50 300 x 75 300 x 100
CPCAS400	For 400	400 x 50 400 x 75 400 x 100
CPCAS500	For 500	500 x 100
CPCAS600	For 600	600 x 100

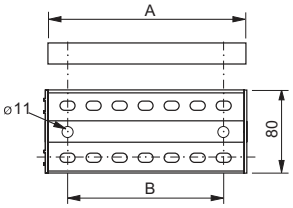




Trapeze hangers

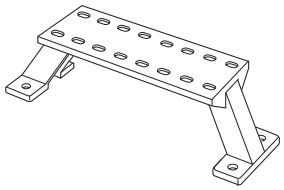
Ordering Code	Width	A	B
	mm	mm	mm
CPTH100	For 75/100	150	115
CPTH150	For 150	200	165
CPTH200	For 200	250	215
CPTH300	For 300	350	315
CPTH400	For 400	450	415
CPTH500	For 500	550	515
CPTH600	For 600	650	615

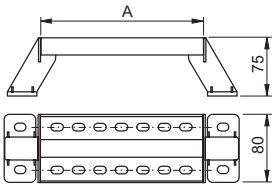




Stand-off brackets

Ordering Code	Width	A
	mm	mm
CPSB100	75/100	100
CPSB150	150	150
CPSB200	200	200
CPSB300	300	300
CPSB400	400	400
CPSB500	500	500
CPSB600	600	600

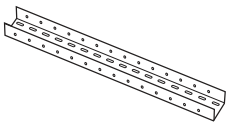




» Accessories

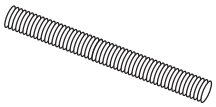
Pendant channels

Type: PVC-U or steel - plastic coated.



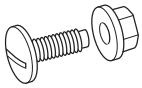
Fixing pins

Ordering Code	Material	Size
CPFB08	PVC-U	M8
CPFBS08	Steel	M8

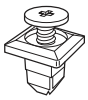


Nuts and bolts

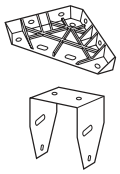
Ordering Code	Material	Size
CPNB0820	PVC-U	M8×20
CPNBS0820	Stainless steel	M8×20



Rapid fix rivet

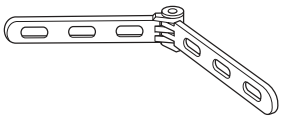


Ceiling brackets

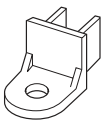


Type: PVC-U or steel - plastic coated

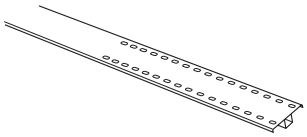
Hinged couplers



Tele rail end cap

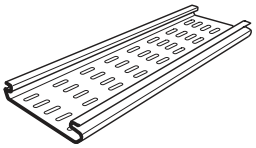


Tele rail



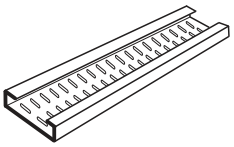
PVC-U Cable Tray-Data Tray & Telex Rail

» Data Tray



Ordering Code	Width	Depth	Length
	mm	mm	mm
CPDT075017	75	17	3
CPDT100017	100	17	3
CPDT150017	150	17	3
CPDT200017	200	17	3

» Telex Rail



Ordering Code	Width	Depth	Length
	mm	mm	mm
CPTR050017	50	17	2

Steel Wire Cable Tray-Tray Lengths & Ancillary Items

Cable trays are mainly exposed to atmospheric corrosion

Electroplated zinc to standard EN 12 329

The cable tray, manufactured using untreated steel wire, is pickled and then immersed in an electrolyte containing zinc. Zinc is then deposited on it by passing an electric current. A smooth bluish-grey, fairly glossy appearance is obtained depending on the pH value of the electrolytic bath used. The colour and gloss have no negative or positive effect on the corrosion resistance of the coating.

Hot dip galvanised after manufacture to standard BS EN ISO 1461 (formerly BS729)

The cable trays or accessories manufactured from untreated steel sheet or wire are degreased and pickled before being immersed in a bath of molten zinc. The whole part is therefore covered with a thick layer of zinc.

Pre-galvanised steel to standard BS EN 10327: Grade DX51D

Before manufacture, a coating of zinc is deposited by continuous immersion on the steel sheets or wires.

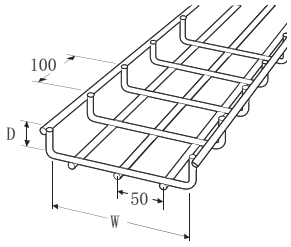
Stainless steel to standard BS EN 10088 : Number 1.4401 (equivalent to 316L)

Since it contains molybdenum, stainless steel 316L offers almost perfect corrosion resistance in all types of industry, especially in highly aggressive halogen-containing environments (fluorine and chlorine).

Dacromet

A coating based on zinc and aluminium is obtained, giving the parts a smooth, light grey appearance with no grain. Dacromet offers protection equivalent to that of hot dip galvanised after manufacture and is only used for small accessories and fixings, which are difficult to hot dip galvanise.

» Straight Section



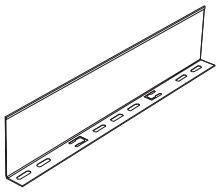
Steel Wire Cable Tray Systems

Ordering Code	Width (W)	Depth (D)	Length	Ordering Code	Width (W)	Depth (D)	Length
	mm	mm	m		mm	mm	m
Electroplated zinc				CSG300052	300	52	3
CS050028	50	28	3	CSG400052	400	52	3
CS100028	100	28	3	CSG450052	450	52	3
CS150028	150	28	3	CSG500052	500	52	3
CS200028	200	28	3	CSG600052	600	52	3
CS300028	300	28	3	CSG100102	100	102	3
CS050052	50	52	3	CSG200102	200	102	3
CS100052	100	52	3	CSG300102	300	102	3
CS150052	150	52	3	CSG400102	400	102	3
CS200052	200	52	3	CSG500102	500	102	3
CS300052	300	52	3	Stainless steel			
CS400052	400	52	3	CSS050028	50	28	3
CS450052	450	52	3	CSS100028	100	28	3
CS500052	500	52	3	CSS150028	150	28	3
CS600052	600	52	3	CSS200028	200	28	3
CS100102	100	102	3	CSS300028	300	28	3
CS200102	200	102	3	CSS050052	50	52	3
CS300102	300	102	3	CSS100052	100	52	3
CS400102	400	102	3	CSS150052	150	52	3
CS500102	500	102	3	CSS200052	200	52	3
CS600102	600	102	3	CSS300052	300	52	3
Hot dip galvanised				CSS400052	400	52	3
CSG050028	50	28	3	CSS450052	450	52	3
CSG100028	100	28	3	CSS500052	500	52	3
CSG150028	150	28	3	CSS600052	600	52	3
CSG200028	200	28	3	CSS100102	100	102	3
CSG300028	300	28	3	CSS200102	200	102	3
CSG050052	50	52	3	CSS300102	300	102	3
CSG100052	100	52	3	CSS400102	400	102	3
CSG150052	150	52	3	CSS500102	500	102	3
CSG200052	200	52	3				

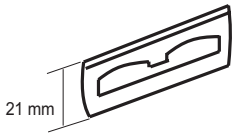
» Ancillary Items

Dividers

Ordering Code	Applicable Tray Depth	Length	Ordering Code	Applicable Tray Depth	Length
	mm	mm		mm	mm
Pre-galvanised steel			CSDG052	52	3
CSDC028	28	3	CSDG102	102	3
CSDC052	52	3	Stainless steel		
CSDC102	102	3	CSDS028	28	3
Hot dip galvanised			CSDS052	52	3
CSDG028	28	3	CSDS102	102	3



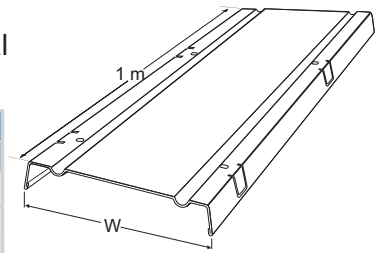
Divider connectors



Universal connector for all divider depths

Covers

Can be fitted directly with integral tabs or alternatively with optional clips below



Ordering Code	Width (W)	Ordering Code	Width (W)
	mm		mm
Pre-galvanised steel		CSCG300	300
CSCC050	50	CSCG400	400
CSCC100	100	CSCG450	450
CSCC150	150	CSCG500	500
CSCC200	200	CSCG600	600
CSCC300	300	Stainless steel	
CSCC400	400	CSCS050	50
CSCC450	450	CSCS100	100
CSCC500	500	CSCS150	150
CSCC600	600	CSCS200	200
Hot dip galvanised		CSCS300	300
CSCG050	50	CSCS400	400
CSCG100	100	CSCS450	450
CSCG150	150	CSCS500	500
CSCG200	200	CSCS600	600

Clips

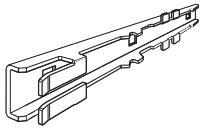
Ordering Code	Applicable Tray Depth
	mm
Pre-galvanised steel	
CSCPC028	28
CSCPC102	52 and 102
Stainless steel	
CSCPS028	28
CSCPS102	52 and 102

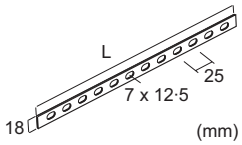
Steel Wire Cable Tray-Couplers, Fixings & Supports

» Couplers

Preclic couplers

Pre-galvanised steel, hot dip galvanised or stainless steel.





Joint strips

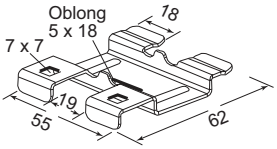
Electroplated zinc, hot dip galvanised or stainless steel.

Faslock

Ordering Code	Applicable Range
Pre-galvanised steel	
CSFC200	up to 200 mm widths
CSFC300	300 mm widths and above
Dacromet	
CSFD200	up to 200 mm widths
CSFD300	300 mm widths and above
Stainless steel	
CSFS200	up to 200 mm widths
CSFS300	300 mm widths and above

Luminaire support

Luminaire support can also be used as a base coupler. Type: pre-galvanised steel, Dacromet or stainless steel.



» Fixings

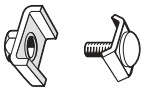
Nuts and coach bolts

Ordering Code	Size
Electroplated zinc	
CSNB0620	M6 x 20
Dacromet	
CSNBD0620	M6 x 20
Stainless steel	
CSNBS0620	M6 x 20

Hold down clamp

Type: Electroplated zinc, Dacromet or stainless steel

Turbo kits A

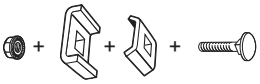


Kits comprise large clamp plate with integrated nut and small clamp plate with integrated bolt. Type: electroplated zinc or Dacromet.

Turbo kits B

Kits comprise small clamp plate with integrated bolt and M6 nut. Type: electroplated zinc or Dacromet.

Fixing kits A



Fixing kits A are used for general clamping of straight lengths and fittings. Kits comprise large clamp plate, small clamp plate, M6 nut and M6 x 20 coach bolt. Type: electroplated zinc, Dacromet or stainless steel.

Fixing kits B

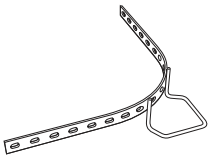
Fixing kits B are used for general clamping where only one clamp plate is required (eg fixing plates). Kits comprise small clamp plate, M6 nut and M6 x 20 coach bolt. Type: electroplated zinc, Dacromet or stainless steel.

Channel strut clip

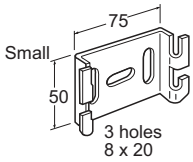
Type: Dacromet

Corner assembly

Ordering Code	Depth
	mm
Electroplated zinc	
CSCA028	28
CSCA052	52
CSCA102	102

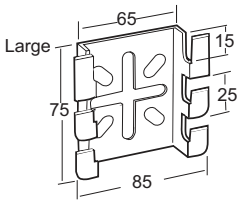


Universal mounting plates



Type: pre-galvanised steel, hot dip galvanised or stainless steel. Not suitable for 28 mm tray depth.

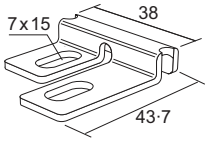
Base Fixing Plates

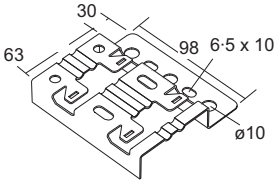


For 50 mm widths and depths 28 and 52 mm only

Universal base fixing plates

Universal base fixing plates are used to flush fit tray to flat surfaces. Type: pre-galvanised steel, Dacromet or stainless steel.



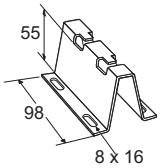


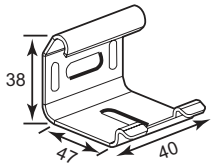
Stand-off brackets (15mm depth)

Provide 15 mm clearance on flat or uneven surfaces. Type: pre-galvanised steel, Dacromet or stainless steel.

Floor mount brackets (55mm depth)

Type: pre-galvanised steel, hot dip galvanised or stainless steel.





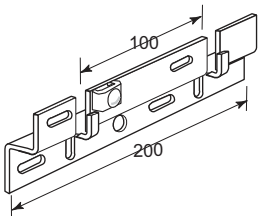
Channel fixing plates (40 mm width)

Type: pre-galvanised steel, Dacromet or stainless steel.

» Supports

Vertical wall brackets (30 mm depth)

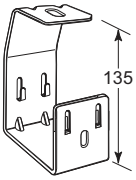
Vertical wall brackets are used for vertically mounting tray widths 150 mm and above. Type: pre-galvanised steel, hot dip galvanised or stainless steel.



Central hangers

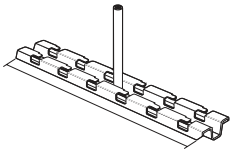
Central hangers for use with 50 and 100 mm tray widths and depths 28 and 52 mm. Use with 6 or 8 mm threaded rod.

Ordering Code	Width
	mm
Pre-galvanised steel	
CSCHC050	50
CSCHC100	100
Hot dip galvanised	
CSCHG050	50
CSCHG100	100
Stainless steel	
CSCHS050	50
CSCHS100	100



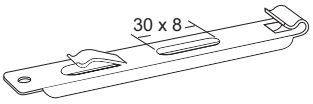
Central hangers for use with 200 to 600 mm tray widths and depths 28 and 52 mm. Use with 8, 10 or 12 mm threaded rod.

Ordering Code	Width
	mm
Pre-galvanised steel	
CSCHC200	200
CSCHC300	300
CSCHC400	400
CSCHC450	450
CSCHC500	500
CSCHC600	600



Suspension plates

For use with 100 and 200 mm tray widths and depths 28 and 52 mm. Use with 6 or 8 mm threaded rod. Type: pre-galvanised steel or Dacromet.



Suspension hooks

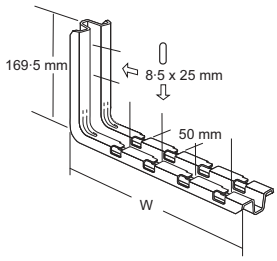
For use with all tray widths and depths. Type: pre-galvanised steel, hot dip galvanised or stainless steel.

Steel Wire Cable Tray-Brackets

» Profile Brackets

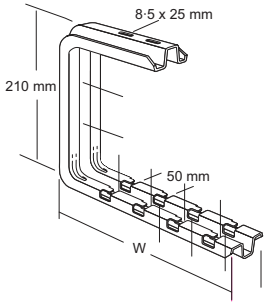
Profile cantilever arms

Ordering Code	For Tray Width	Actual Width (W)	Ordering Code	For Tray Width	Actual Width (W)
	mm	mm		mm	mm
Pre-galvanised steel			CSPAG200278	200	278
CSPAC100178	100	178	CSPAG300378	300	378
CSPAC150228	150	228	CSPAG400478	400	478
CSPAC200278	200	278	CSPAG450528	450	528
CSPAC300378	300	378	Stainless steel		
CSPAC400478	400	478	CSPAS100178	100	178
CSPAC450528	450	528	CSPAS150228	150	228
Hot dip galvanised			CSPAS200278	200	278
CSPAG100178	100	178	CSPAS300378	300	378
CSPAG150228	150	228			



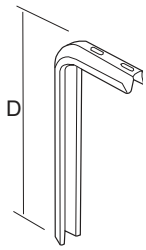
Profile roof cantilever arms

Ordering Code	For Tray Width	Actual Width (W)	Ordering Code	For Tray Width	Actual Width (W)
	mm	mm		mm	mm
Pre-galvanised steel			CSPRAG150228	150	228
CSPRAC100178	100	178	CSPRAG200278	200	278
CSPRAC150228	150	228	CSPRAG300378	300	378
CSPRAC200278	200	278	CSPRAG400478	400	478
CSPRAC300378	300	378	CSPRAG450528	450	528
CSPRAC400478	400	478	Stainless steel		
CSPRAC450528	450	528	CSPRAS100178	100	178
Hot dip galvanised			CSPRAS150228	150	228
CSPRAG100178	100	178	CSPRAS200278	200	278

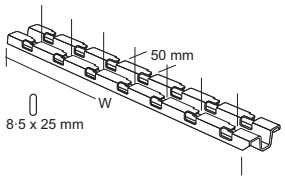


Profile pendants

Ordering Code	Pendant Depth (D)	Ordering Code	Pendant Depth (D)
	mm		mm
Pre-galvanised steel		Hot dip galvanised	
CSPPC300	300	CSPPG300	300
CSPPC400	400	CSPPG400	400
CSPPC500	500	CSPPG500	500



Profile trapeze hangers

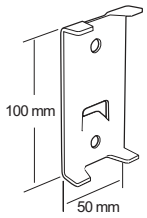


Can also be used for wall and floor mounting

Ordering Code	For Tray Width	Actual Width (W)	Ordering Code	For Tray Width	Actual Width (W)
	mm	mm		mm	mm
Pre-galvanised steel			CSPHG500	400	500
CSPHC150	50	150	CSPHG600	450 and 500	600
CSPHC200	100	200	CSPHG1000	Cut to length	1000
CSPHC300	150 and 200	300	CSPHG3000	Cut to length	3000
CSPHC400	300	400	Stainless steel		
CSPHC500	400	500	CSPHS150	50	150
CSPHC600	450 and 500	600	CSPHS200	100	200
CSPHC1000	Cut to length	1000	CSPHS300	150 and 200	300
CSPHC3000	Cut to length	3000	CSPHS400	300	400
Hot dip galvanised			CSPHS500	400	500
CSPHG150	50	150	CSPHS600	450 and 500	600
CSPHG200	100	200	CSPHS1000	Cut to length	1000
CSPHG300	150 and 200	300	CSPHS3000	Cut to length	3000
CSPHG400	300	400			

Profile strut back plates

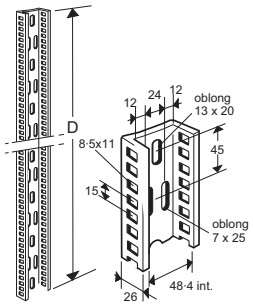
Profile strut back plates are used to fit profile supports to channel with M8 bolts and channel nuts. Type: pre-galvanised steel, hot dip galvanised or stainless steel.



» Brackets for Pendant Installations

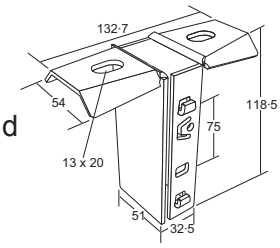
Pendants

Ordering Code	Depth (D)	Ordering Code	Depth (D)
	mm		mm
Pre-galvanised steel		Hot dip galvanised	
CSPC300	300	CSPG300	300
CSPC600	600	CSPG600	600
CSPC1000	1000	CSPG1000	1000
CSPC2000	2000	CSPG2000	2000
CSPC3000	3000	CSPG3000	3000



Pendant mounting plate

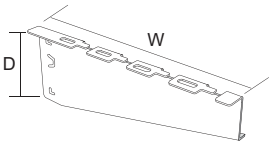
Open slot on side enables pendant to be slid on to mounting plate and secured using tabs. Type: pre-galvanised steel.



Cantilever arms for pendant mounting

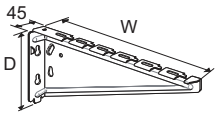
Suitable for pendant mounting only.

Ordering Code	For Tray Width	Actual Width (W)	Depth (D)
	mm	mm	mm
Pre-galvanised steel			
CSCAPC153073	100	153	73
CSCAPC203073	150	203	73
CSCAPC253087	200	253	87
CSCAPC353087	300	353	87

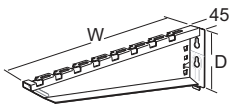


» Brackets

Cantilever arms



up to 300 mm



400 mm and above

Suitable for wall mounting or pendant mounting using pins below (on tray widths up to 300 mm)

Ordering Code	For Tray Width	Actual Width (W)	Depth (D)
	mm	mm	mm
Pre-galvanised steel			
CSCAC107085	50	107	85
CSCAC157085	100	157	85
CSCAC207124	150	207	124
CSCAC257139	200	257	139
CSCAC357139	300	357	139
CSCAC457138	400	457	138
CSCAC557138	500	557	138
CSCAC657138	600	657	138
Hot dip galvanised			
CSCAG107085	50	107	85
CSCAG157085	100	157	85
CSCAG207124	150	207	124
CSCAG257139	200	257	139

Ordering Code	For Tray Width	Actual Width (W)	Depth (D)
	mm	mm	mm
CSCAG357139	300	357	139
CSCAG457138	400	457	138
CSCAG557138	500	557	138
CSCAG657138	600	657	138
Stainless steel			
CSCAS107085	50	107	85
CSCAS157085	100	157	85
CSCAS207124	150	207	124
CSCAS257139	200	257	139
CSCAS357139	300	357	139
CSCAS457138	400	457	138
CSCAS557138	500	557	138
CSCAS657138	600	657	138

Pins

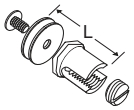
Use to mount standard cantilever arms to pendants. For tray widths up to 300 mm only.

Ordering Code	Size
Electroplated zinc	
CSP008075	8×75 mm
Hot dip galvanised	
CSPG008075	8×75 mm
Stainless steel	
CSPS008075	8×75 mm

Steel Wire Cable Tray-Ancillary Items

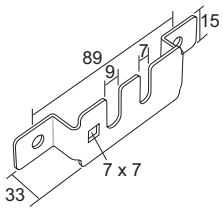
» Earth Conductor Clamps – Copper

Safe, durable earthing for protective conductors of cross section 16 to 50 mm²



Ordering Code	Length (L)	Csa of Cable
	mm	mm²
CSEC022016	22	16
CSEC024035	24	35
CSEC026050	26	50

» Earth Terminal Supports



Earth Terminal Supports are installed using fixing kit B (x 2). Provide improved continuity for earthing when used in conjunction with earth conductor clamps (above) for the most demanding applications. Type: pre-galvanised steel, hot dip galvanised or stainless steel.

» Earth Cable Clamp – Aluminium

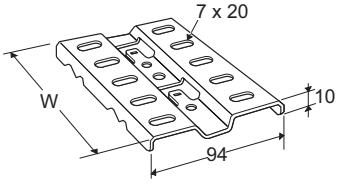
A low cost earthing solution for a protective conductor of cross section 16 to 35 mm².

» Earth Cable Support

Steel wire cable tray should be bonded to the earth of the installation every 15 to 20 m. The earth cable support keeps cables tidy between bonding positions.

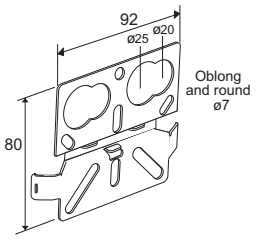
» Multifix Base Plates

Multifix base plates are used in two orientations to suspend an installation with threaded rod or to mount luminaries underneath the installation.



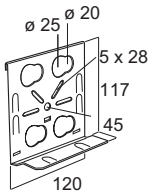
Ordering Code	Width (W)
	mm
Pre-galvanised steel	
CSMPC100	100
CSMPC150	150
Hot dip galvanised	
CSMPG100	100
CSMPG150	150
Stainless steel	
CSMPS100	100
CSMPS150	150
PVC	
CSMPP100	100

» Universal Conduit Take-off Plates



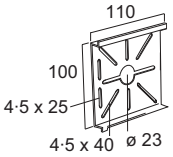
Universal Conduit Take-off Plates can be mounted on side or base of steel wire cable tray. Type: pre-galvanised steel or Dacromet.

» Conduit Take-off Plates – Side



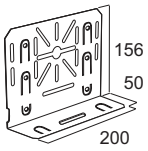
Conduit Take-off Plates – Side are used to provide 4 conduit outlets. Type: pre-galvanised steel or Stainless steel.

» Switch Box Take-off Plates



Switch Box Take-off Plates are used for simple clip-on fitting of junction boxes or other ancillary boxes to conduit take-off plates – Side. Type: pre-galvanised steel or stainless steel

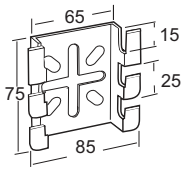
» Terminal Box Fixing Plate



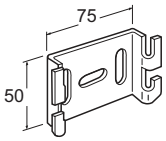
Large side-mounting plate for many applications where a strong fixing is required. Type: pre-galvanised steel.

» Universal Mounting Plates – Large

These plates are used to fit 50 to 100 mm width steel wire tray to the wall, and can also be used to mount small accessories on the side or base of steel wire tray. Not suitable for 28 mm depth tray. Type: pre-galvanised steel, hot dip galvanised or stainless steel.



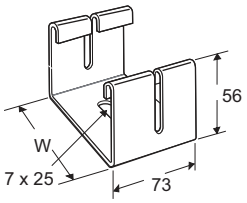
» Universal Mounting Plates – Small



These plates are used to fit 50 mm width steel wire tray to the wall, and also used to mount small accessories to any width steel wire tray. Not suitable for 28 mm depth tray. Type: pre-galvanised steel, hot dip galvanised or stainless steel.

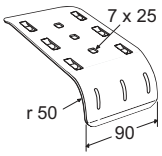
» Lighting Brackets

For suspending lighting under steel wire tray. Type: pre-galvanised steel.



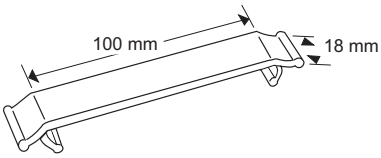
» Cable Dropout Plates

Type: pre-galvanised steel, Dacromet or stainless steel.



» ID Clips

Type: pre-galvanised steel.



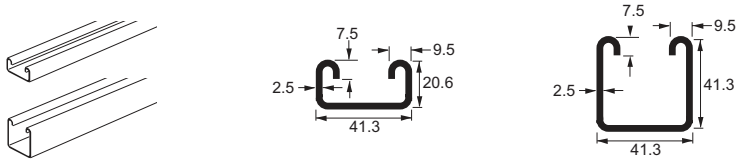
Channel Support Systems-Channels & Channel Nuts

Channel and brackets are manufactured to BS 6946–specifications for metal channel cable support systems for electrical installations and calculations for loading are in accordance with BS 5950 Part 5 structural use of steelwork in buildings, code of practice for cold formed thin gauge sections.

» Single Channel

The standard finish for channel is pre-galvanised mild steel to BS EN 10326, other finishes can be offered upon request: hot dip galvanized (G) after manufacture to BS EN ISO 1461; stainless steel (S) to BS EN 10088 2 grade 1.4404 (equivalent to 316L31).

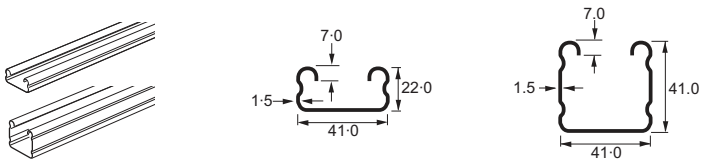
Standard channel



Standard channels are cold rolled to BS 6946 from 2.5 mm pre-galvanised mild steel to BS EN 10326 grade S250GD Z275.

Ordering Code	Wide×Depth	Length	Weight
	mm×mm	mm	kg/m
CC412103	41×21	3	1.8
CC412106	41×21	6	1.8
CC414103	41×41	3	2.6
CC414106	41×41	6	2.6

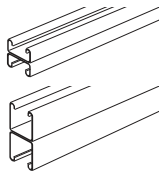
Light gauge channel

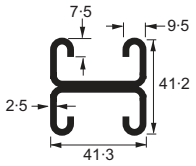


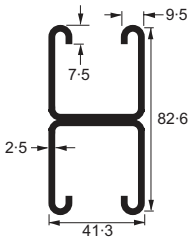
Light gauge channels are cold rolled from 1.5 mm pre-galvanised mild steel to BS EN 10326 grade S250GD Z275, not available in stainless steel (S) finish. Ribbed strut designed to fit channel nuts.

Ordering Code	Wide×Depth	Length	Weight
	mm×mm	mm	kg/m
CCL412103	41×21	3	1.2
CCL414103	41×41	3	1.7

» Back-To-Back Channel





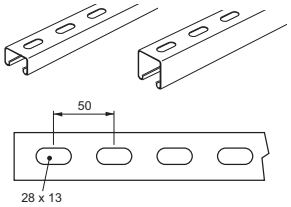


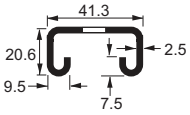
Back-to-back channels are formed by spot welding together two finished single channels at 150 mm centres under controlled conditions to BS 5950 : Part 5 1987. All welds and spot welds are suitably protected.

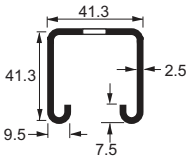
Ordering Code	Wide×Depth	Length	Weight
	mm×mm	mm	kg/m
CCBBC414103	41×41	3	3.6
CCBBC418303	41×83	3	5.2
CCBBC418306	41×83	6	5.2

» Slotted Channel

Standard channel



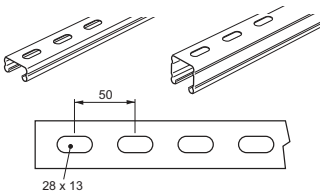


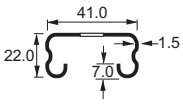


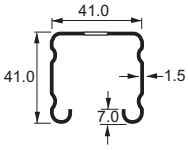
Slot pattern may differ on stainless steel channels

Ordering Code	Wide×Depth	Length	Weight
	mm×mm	mm	kg/m
CCSC412103	41×21	3	1.6
CCSC412106	41×21	6	1.6
CCSC414103	41×41	3	2.4
CCSC414106	41×41	6	2.4

Light gauge channel







Slot pattern may differ on stainless steel channels

Ordering Code	Wide×Depth	Length	Weight
	mm×mm	mm	kg/m
CCLSC412103	41×21	3	1.0
CCLSC414103	41×41	3	1.5
CCLSC414106	41×41	6	1.5

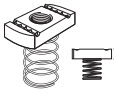
» Channel Nuts

For use with all channels, M12 channel nuts should always be used for maximum load conditions. The standard finish for all nuts is zinc plated to BS 3382: Part 2, stainless steel (S) and hot dip galvanized (G) finish can be offered upon request. Fastenings: use hexagon head setscrews.

Long springs

For use with 41 mm deep channel

Ordering Code	Size	Thickness
		mm
CCCNL06	M6	6
CCCNL08	M8	8
CCCNL10	M10	10
CCCNL12	M12	12



Short springs

For use with 21 mm deep channel

Ordering Code	Size	Thickness
		mm
CCCNS06	M6	6
CCCNS08	M8	8
CCCNS10	M10	10
CCCNS12	M12	12

No springs

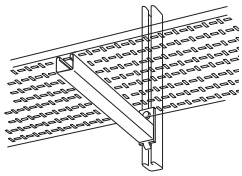
For use on all channel depths

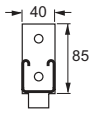
Ordering Code	Size	Thickness
		mm
CCCNN06	M6	6
CCCNN08	M8	8
CCCNN10	M10	10
CCCNN12	M12	12

Channel Support Systems-Cantilever Arms

In addition to the cantilever arms listed, there are many other specialist support brackets for use with cable tray or cable ladder.

» Cantilever Arms

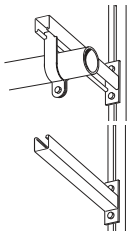


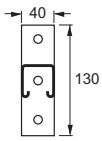


Requires only one bolt for quick fixing and is used with open face at the top.

Ordering Code	Arm Length	Unit Weight
	mm	kg
CCCA150	150	0.64
CCCA225	225	0.85
CCCA300	300	1.03
CCCA450	450	2.42
CCCA600	600	1.81
CCCA750	750	2.2
CCCA900	900	2.6

» Cantilever Arms, Universal

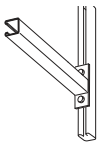


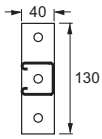


Two bolt fixing. These arms can be used with open face at the top or bottom.

Ordering Code	Arm Length	Unit Weight
	mm	kg
CCCAU150	150	0.64
CCCAU225	225	0.85
CCCAU300	300	1.03
CCCAU450	450	1.42
CCCAU600	600	1.81
CCCAU750	750	2.2
CCCAU900	900	2.6

» Cantilever Arms, Side

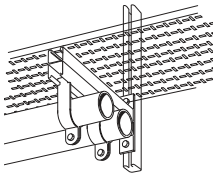


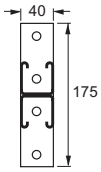


Two bolt fixing. These arms can be used with open face on the left or right.

Ordering Code	Arm Length	Unit Weight
	mm	kg
CCCAS150	150	0.64
CCCAS225	225	0.85
CCCAS300	300	1.03
CCCAS450	450	1.42
CCCAS600	600	1.81
CCCAS750	750	2.2
CCCAS900	900	2.6

» Cantilever Arms, Double Channel



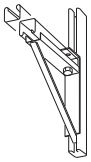


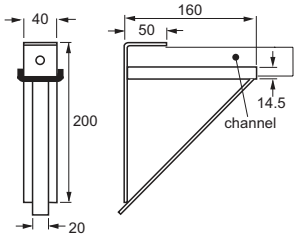
Two bolt fixing with extra support. Open face top and bottom.

Ordering Code	Arm length	Unit Weight
	mm	kg
CCCAD150	150	1.14
CCCAD225	225	1.68
CCCAD300	300	2.02
CCCAD450	450	2.9
CCCAD600	600	3.78
CCCAD750	750	4.66
CCCAD900	900	5.6

» Cantilever Arm Bracket

These brackets are used to provide extra support to a horizontal run of channel.

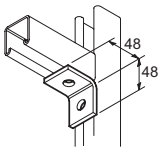




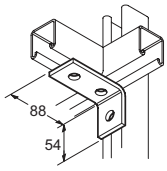
Channel Support Systems-Framework Brackets

These brackets are manufactured to BS 6946. Unless otherwise stated, brackets are made from 6 mm thick steel (5 mm thick in stainless steel), are 40 mm wide and have 14 mm diameter holes to accept M12 (or smaller) setscrews. All bend radii are 5 mm unless otherwise stated. Steel complies with BS EN 10111. Minimum yield stress of material is 170 N/mm2. Channel nuts and setscrews are not supplied with brackets and must be ordered separately. The standard finish for all brackets is hot dip galvanised to BS EN ISO 1461. Stainless steel is also available unless otherwise stated.

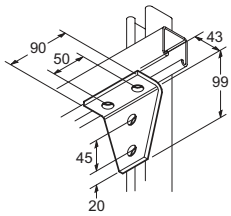
» 90° Brackets



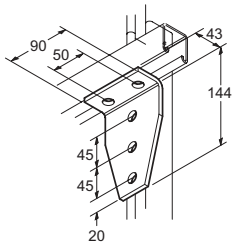
CCB001
Unit weight (kg) : 0.14
Thickness = 5 mm



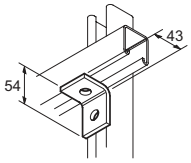
CCB002
Unit weight (kg) : 0.23
Thickness = 5 mm



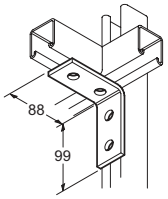
CCB003
Unit weight (kg) : 0.43
Thickness = 5 mm



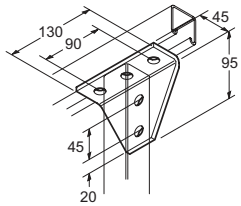
CCB004
Unit weight (kg) : 0.61
Thickness = 5 mm



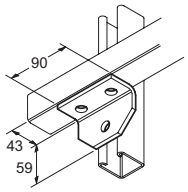
CCB005
Unit weight (kg) : 0.14
Thickness = 5 mm



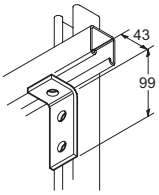
CCB006
Unit weight (kg) : 0.32
Thickness = 5 mm



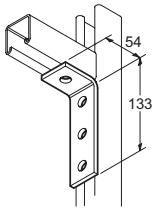
CCB007
Unit weight (kg) : 0.50
Thickness = 5 mm



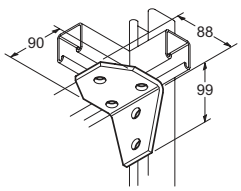
CCB008
Unit weight (kg) : 0.34
Thickness = 5 mm



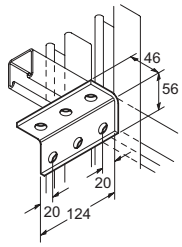
CCB009
Unit weight (kg) : 0.23
Thickness = 5 mm



CCB010
Unit weight (kg) : 0.32
Thickness = 5 mm



CCB011
Unit weight (kg) : 0.57
Thickness = 5 mm

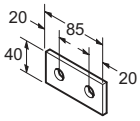


CCB012
Unit weight (kg) : 0.40
Thickness = 5 mm

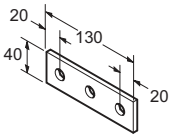
» Square and Splice Plates

Square plates
CCSP001 – M6
CCSP002 – M8
CCSP003 – M10
CCSP004 – M12
Unit weight (kg) : 0.07
Thickness = 5 mm

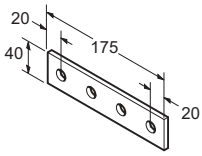
Square plate
CCSP005
Unit weight (kg) : 0.07
Thickness= 5 mm



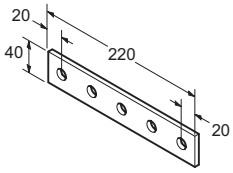
Splice plate
CCSP006
Unit weight (kg) : 0.14
Thickness = 5 mm



Splice plate
CCSP007
Unit weight (kg) : 0.23
Thickness = 5 mm



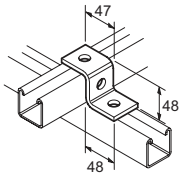
Splice plate
CCSP008
Unit weight (kg) : 0.32
Thickness = 5 mm



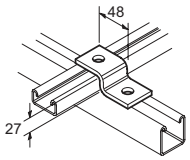
Splice plate
CCSP009
Unit weight (kg) : 0.41
Thickness = 5 mm

Splice plates: holes spaced at 45 mm centres.

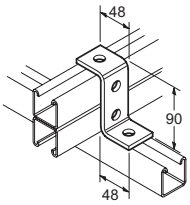
» Z Brackets



CCZB001
40 mm
Unit weight (kg) : 0.22
Thickness = 5 mm

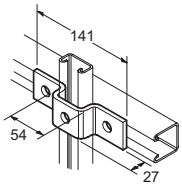


CCZB002
20 mm
Unit weight (kg) : 0.18
Thickness = 5 mm



CCZB003
80 mm
Unit weight (kg) : 0.29
Thickness = 5 mm

» U Brackets

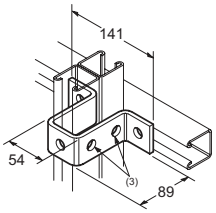


20 mm U bracket

CCUB001

Unit weight (kg) : 0.29

Thickness = 5 mm

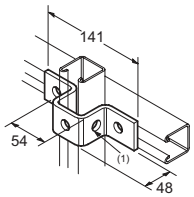


80 mm U bracket

CCUB002

Unit weight (kg) : 0.52

Thickness = 5 mm



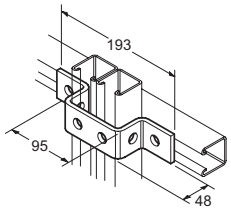
40 mm U bracket

CCUB003

Unit weight (kg) : 0.37

Thickness = 5 mm

(1) Hole on one side of bracket only



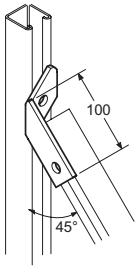
Side by side U bracket

CCUB004

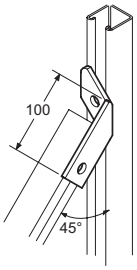
Unit weight (kg) : 0.45

Thickness = 5 mm

» Angle Brackets

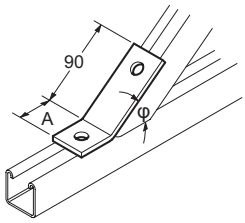


Right hand angle bracket
CCRAB001
Unit weight (kg) : 0.25
Angle : 45°



Left hand angle bracket
CCLAB001
Unit weight (kg) : 0.25
Angle : 45°

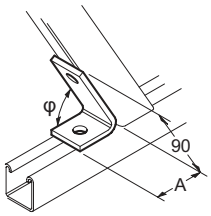
Obtuse angle brackets



Ordering Code	Unit Weight	Angle	Thickness	A
	kg	φ	mm	mm
CCOAB015	0.25	15°	5	40
CCOAB022	0.25	22.5°	5	40
CCOAB030	0.25	30°	5	40
CCOAB037	0.25	37.5°	5	40
CCOAB045	0.25	45°	5	40

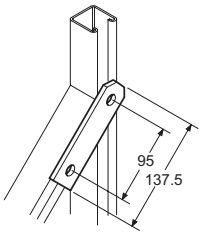
Ordering Code	Unit Weight	Angle	Thickness	A
	kg	φ	mm	mm
CCOAB052	0.25	52.5°	5	40
CCOAB060	0.25	60°	5	40
CCOAB067	0.25	67.5°	5	40
CCOAB075	0.25	75°	5	40
CCOAB082	0.25	82.5°	5	40

Acute angle brackets

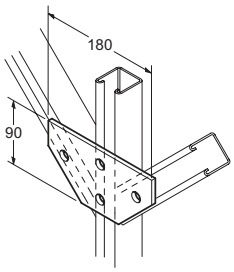


Ordering Code	Unit Weight	Angle	Thickness	A
	kg	φ	mm	mm
CCAAB030	0.32	30°	5	70
CCAAB037	0.32	37.5°	5	70
CCAAB045	0.29	45°	5	60
CCAAB052	0.29	52.5°	5	60
CCAAB060	0.25	60°	5	40
CCAAB067	0.25	67.5°	5	40
CCAAB075	0.25	75°	5	40
CCAAB082	0.25	82.5°	5	40

» Angle Plates

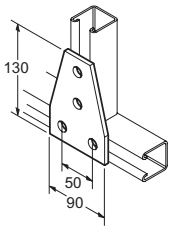


Adjustable angle plate
CCAP001
Unit weight (kg) : 0.24
Thickness = 5 mm

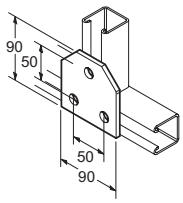


45° angle plate
CCAP002
Unit weight (kg) : 0.56
Thickness = 5 mm

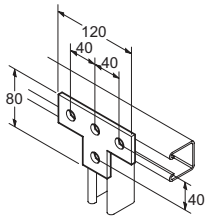
» T Plates and Brackets



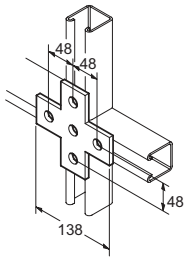
T plate
CCTP001
Unit weight (kg) : 0.43
Thickness = 5 mm



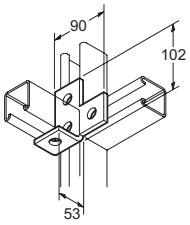
T plate
CCTP002
Unit weight (kg) : 0.34
Thickness = 5 mm



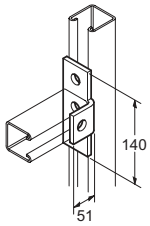
T bracket
CCTB001
Unit weight (kg) : 0.32
Thickness = 5 mm



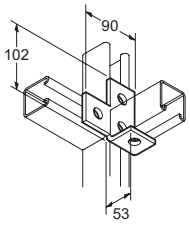
Cross plate
CCCP001
Unit weight (kg) : 0.35
Thickness = 6 mm



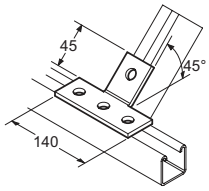
Right hand T corner bracket
CCTB002
Unit weight (kg) : 0.32
Thickness = 6 mm



90° T bracket
CCTB003
Unit weight (kg) : 0.32
Thickness = 6 mm

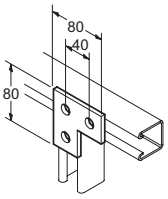


Left hand T corner bracket
CCTB004
Unit weight (kg) : 0.32
Thickness = 6 mm

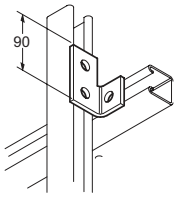


45° T bracket
CCTB005
Unit weight (kg) : 0.32
Thickness = 6 mm

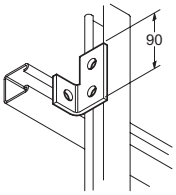
» L Brackets



L bracket
CCLB001
Unit weight (kg): 0.27
Thickness = 5 mm

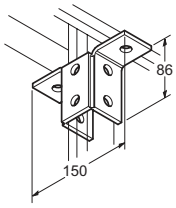


Right hand L corner bracket
CCLB002
Unit weight (kg): 0.27
Thickness = 6 mm

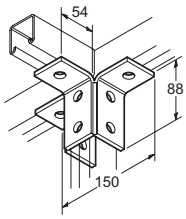


Left hand L corner bracket
CCLB003
Unit weight (kg): 0.27
Thickness = 6 mm

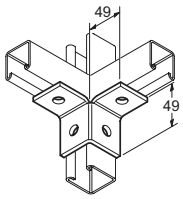
» Wing Brackets



2 lug wing bracket
CCWB001
Unit weight (kg) : 0.66
Thickness = 5 mm



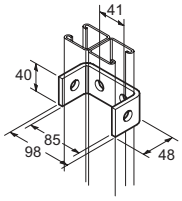
3 lug wing bracket
CCWB002
Unit weight (kg) : 0.75
Thickness = 5 mm



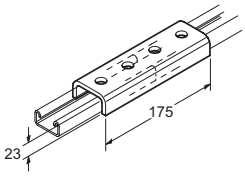
Angled wing bracket
CCWB003
Unit weight (kg) : 0.28
Thickness = 5 mm

SB707 are not available in stainless steel (S) finish

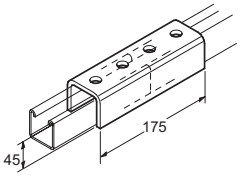
» Jointing Brackets and Channels



Channel jointing bracket
CCJB001
Unit weight (kg) : 0.31
Thickness = 5 mm

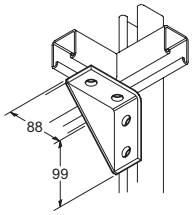


Jointing channel for SC200 channel
CCJB002
Unit weight (kg) : 0.55
Thickness= 5 mm



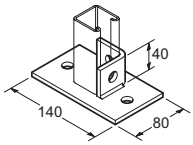
Jointing channel for SC400 channel
CCJB003
Unit weight (kg) : 0.85
Thickness = 5 mm

» Shelf Bracket

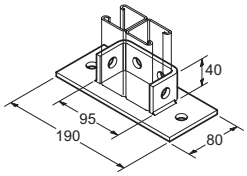


CCSB001
Unit weight (kg) : 0.51
Thickness = 5 mm
3 mm gusset

» Base Plates

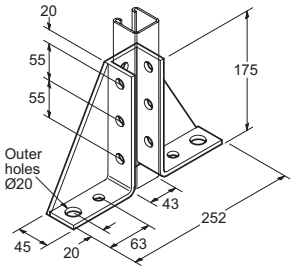


Single channel base plate
CCBP001
Unit weight (kg) : 0.71
Thickness = 5 mm
Distance between hole centres : 100 mm

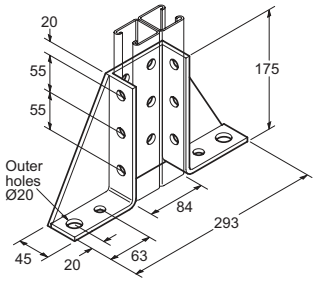


Double channel base plate
CCBP002
Unit weight (kg) : 1.00
Thickness = 5 mm
Distance between hole centres : 150 mm

» Gusseted Brackets

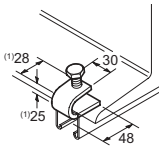


Single channel gusseted bracket
CCGB001
Unit weight (kg) : 2.09
Thickness = 5 mm
5 mm gusset

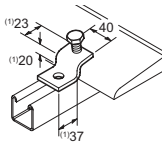


Double channel gusseted bracket
CCGB002
Unit weight (kg) : 2.37
Thickness = 5 mm
6 mm thick bracket with
5 mm gusset

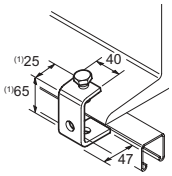
» Beam, Window Beam and Toe Beam Clamps



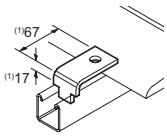
Beam clamp [2]
CCBC001
Unit weight (kg) : 0.16
Thickness = 5 mm
Use in pairs



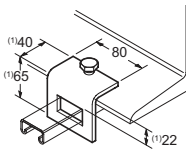
Beam clamp [2]
CCBC002
Unit weight (kg) : 0.17
Thickness = 6 mm
Use in pairs



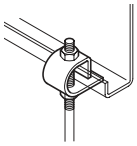
Beam clamp [2]
CCBC003
Unit weight (kg) : 0.26
Thickness = 5 mm



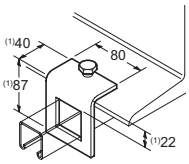
Toe beam clamp [2]
CCBC004 [3]
Unit weight (kg) : 0.15
Thickness = 5 mm
Use in pairs



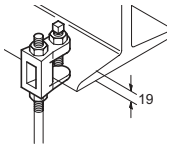
Window beam clamp [2]
CCBC005
Unit weight (kg) : 0.37
Thickness = 6 mm
Use in pairs
For 21 mm deep channel



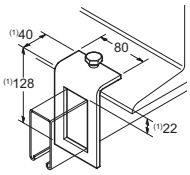
Beam clamp
CCBC006
Unit weight (kg) : 0.10
Thickness = 6 mm



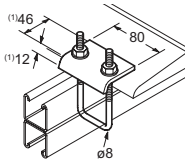
Window beam clamp [2]
CCBC007
Unit weight (kg) : 0.52
Thickness = 6 mm
Use in pairs
For 41 mm deep channel



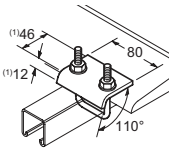
Beam clamp [2]
CCBC008
Unit weight (kg) : 0.15
Thickness = 6 mm



Beam clamp (2)
CCBC009
Unit weight (kg) : 0.56
Thickness = 6 mm
Use in pairs.For 83mm depth back-to-back channel



Beam clamp (2)
CCBC010
Unit weight (kg) : 0.37
Thickness = 5 mm
Use in pairs

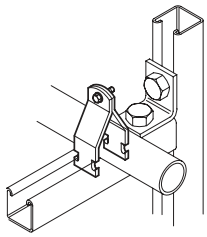


Beam clamp (2)
CCBC011
Unit weight (kg) : 0.36
Thickness = 5 mm
Use in pairs. U bolts and nuts supplied

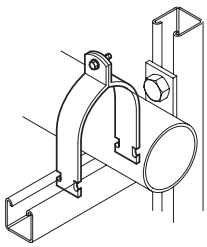
(1) Indicates inside dimensions
(2) Beam clamps are supplied with nuts, bolts, cone point screws and U bolts where shown
(3) Requires 2 setscrews and channel nuts for fixing (not included)

» Pipe Clamps

Ordering Code	Unit Weight	Pipe Diameter Size	Ordering Code	Unit Weight	Pipe Diameter Size
	kg	mm		kg	mm
CCPC001	0.06	10–14	CCPC011	0.19	81–87
CCPC002	0.07	13–17	CCPC012	0.20	89–101
CCPC003	0.08	17–22	CCPC013	0.22	101–113
CCPC004	0.09	22–26	CCPC014	0.24	113–125
CCPC005	0.10	25–35	CCPC015	0.25	125–135
CCPC006	0.11	32–42	CCPC016	0.29	145–155
CCPC007	0.13	42–59	CCPC017	0.33	170–180
CCPC008	0.15	54–65	CCPC018	0.38	200–212
CCPC009	0.16	62–71	CCPC019	0.41	220–230
CCPC010	0.17	73–83			

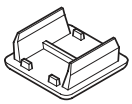


SP960-SP973

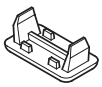


SP975-SP985
Nuts and bolts supplied

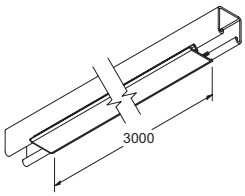
» Channel Accessories



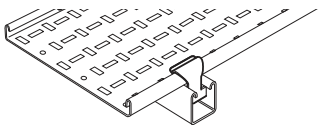
CCA001
Channel end caps for 41 mm Deep channel



CCA002
Channel end caps for 21 mm Shallow channel



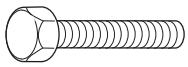
CCA003
Closure strips – 3 m long



Easi-clip
CCA004
For MRF tray, pack 50
Use in pairs
Zinc coated finish only

Channel Support Systems-Standard Fixings & Fastenings

» Hexagon Head Setscrews



Ordering Code	Size	Ordering Code	Size
Electroplated zinc		CCHS1040	M10×40
CCHS0616	M6×16	CCHS1045	M10×45
CCHS0620	M6×20	CCHS1050	M10×50
CCHS0625	M6×25	CCHS1060	M10×60
CCHS0630	M6×30	CCHS1220	M12×20
CCHS0820	M8×20	CCHS1225	M12×25
CCHS0825	M8×25	CCHS1230	M12×30
CCHS0830	M8×30	CCHS1235	M12×35
CCHS0835	M8×35	CCHS1240	M12×40
CCHS0840	M8×40	CCHS1250	M12×50
CCHS0850	M8×50	Hot dip galvanised	
CCHS1016	M10×16	CCHSG0612	M6×12
CCHS1020	M10×20	CCHSG0616	M6×16
CCHS1025	M10×25	CCHSG0620	M6×20
CCHS1030	M10×30	CCHSG0635	M6×35
CCHS1035	M10×35		

» Cone Point Screws (M10×35)

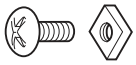
Type: Electroplated zinc or stainless steel.

» Hexagon Nuts

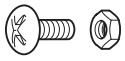
Ordering Code	Size	Ordering Code	Size
Electroplated zinc		CCHNG10	M10
CCHN06	M6	CCHNG12	M12
CCHN08	M8	Stainless steel	
CCHN10	M10	CCHNS06	M6
CCHN12	M12	CCHNS08	M8
Hot dip galvanised		CCHNS10	M10
CCHNG06	M6	CCHNS12	M12
CCHNG08	M8		

» Roofing Nuts and Bolts

Electroplated
roofing nuts and bolts



Hot dip galvanised
roofing nuts and bolts



Ordering Code	Size	Ordering Code	Size
Electroplated zinc		Hot dip galvanised	
CCRB0612	M6×12	CCRBG0612	M6×12
CCRB0616	M6×16	CCRBG0616	M6×16
CCRB0620	M6×20	Stainless steel	
CCRB0625	M6×25	CCRBS0612	M6×12
CCRB0630	M6×30	CCRBS0616	M6×16
CCRB0640	M6×40	CCRBS0620	M6×20
CCRB0650	M6×50		

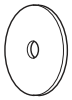
» Flat Washers

Ordering Code	Size	Ordering Code	Size
Electroplated zinc		Stainless steel	
CCFW06	M6	CCFWS06	M6
CCFW08	M8	CCFWS08	M8
CCFW10	M10	CCFWS10	M10
CCFW12	M12	CCFWS12	M12

» Roofing Washers (M6)

Type: Hot dip galvanised.

» Penny Washers



Ordering Code	Size	Ordering Code	Size
Electroplated zinc			
CCPW06	M6×25	CCPW10	M10×38
CCPW08	M8×25	CCPW12	M12×40

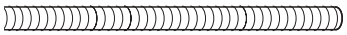
» Shakeproof Washers

Ordering Code	Size	Ordering Code	Size
Electroplated zinc			
CCSW06	M6	CCSW10	M10
CCSW08	M8	CCSW12	M12

» Tray Washers (M6×20)

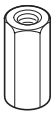
Type: Electroplated zinc or hot dip galvanised.

» Threaded Rod



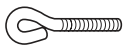
Ordering Code	Size	Ordering Code	Size
Electroplated zinc		Stainless steel	
CCTR06	M6×3 m	CCTRS06	M6×3 m
CCTR08	M8×3 m	CCTRS08	M8×3 m
CCTR10	M10×3 m	CCTRS10	M10×3 m
CCTR12	M12×3 m	CCTRS12	M12×3 m

» Threaded Rod Connectors



Ordering Code	Size	Ordering Code	Size
Electroplated zinc			
CCRC06	M6	CCRC10	M10
CCRC08	M8	CCRC12	M12

» Eye Bolts



Ordering Code	Size	Ordering Code	Size
Electroplated zinc			
CCEB06	M6×80	CCEB10	M10×80
CCEB08	M8×80	CCEB12	M12×80

» Fastenings

Fastening brackets and supports to channel

Standard fastenings for channel are high tensile hexagon head setscrews to BS 3692-8·8, being zinc plated to BS 3382 : Part 2.

Channel Type	Fitting Thickness(1)	Recommended Fastening(2)
Deep channel CC4141 series	6 mm and 8 mm	M10 or M12 x 35 mm(3)
	5 mm and 6 mm	M10 or M12 x 30 mm
Shallow channel CC2121 series	7 mm and 8 mm	M10 or M12 x 25 mm(3)
	5 mm and 6 mm	M10 or M12 x 20 mm

(1) Most standard brackets are made from 5 mm gauge steel

(2) The use of too long a fastening will prevent proper tightening because the bolt end will foul the bottom of the channel before the head tightens down on the fitting

(3) When fastening brackets other than channel, longer bolts may be required if the bracket thickness is greater than 8 mm

Fastening tray to supports

Use M6 x 16 mm zinc plated roofing bolts or pan head bolts

Fastening ladder to supports

Use M10 x 16 mm high tensile hexagon head setscrews

Distribution Trunking Systems-Standard Trunking & Fittings

» Distribution trunking classification

These steel distribution trunking was made to BS European standard BS EN 50085-2-1

Classification to BS EN 50085-1 2005 and BS EN 50085-2-1 2006

Clause 6.2 According to resistance to impact for installation and application: impact 2.0J

Clause 6.3 According to temperatures given in tables 1, 2 and 3:

	Min	Max
1. Storage and transport	–25	–
2. Installation	–15	–
3. Application	–	+60

Clause 6.4 According to resistance to flame propagation : non-flame propagating (MG unpainted)

Clause 6.5 According to electrical continuity characteristic: CTS with electrical continuity (maximum linear impedance 1·0 milliohms per metre)

Clause 6.6 According to electrical insulating characteristic: CTS without electrical insulating characteristic

Clause 6.7 According to degree of protection provided by enclosure according to BS EN 60529: 1991: IP 30

Clause 6.9 According to system access cover retention: CTS access cover which can only be opened with a tool

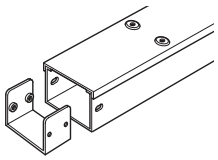
Clause 6.10 According to electrically protective separation: CTS without internal protective partition

Clause 6.101 According to position when surface mounted: CTS surface mounted on wall; CTS surface mounted on ceiling (CTS mounted away from the wall or ceiling using fixing devices; Declare MG cover mounted upwards 2.0 metre hanger centres)

Clause 6.103 According to the functions provided: Type 2 CTS (distribution)

» Trunking

This return edge steel surface trunking system with strength and rigidity is manufactured to BS EN 50085-2-1. Each trunking length is supplied with connector, lid and lid fixings. Supplied as standard with diecast turnbuckle fixings.

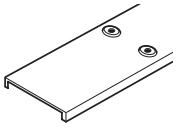


Single compartment

Ordering Code	Width	Depth	Weight
	mm	mm	kg/m
CD050050	50	50	1.9
CD075050	75	50	2.8
CD075075	75	75	3.2
CD100050	100	50	3.2
CD100075	100	75	3.7
CD100100	100	100	4.2
CD150050	150	50	4.2
CD150075	150	75	5.1
CD150100	150	100	7.6
CD150150	150	150	6.1
CD225075	225	75	7.9
CD225100	225	100	9.2
CD225150	225	150	11.0
CD225225	225	225	9.6
CD300100	300	100	10.8
CD300150	300	150	14.4
CD300300	300	300	

» Spare Lids

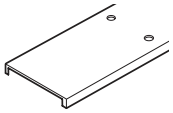
Spare turnbuckle lids



Diecast turnbuckles included. Lids 50 to 150 wide: 6 per 3 m lid; Lids 225 and 300 wide: 4 per 1.5 m lid.

Ordering Code	Width	Length
	mm	m
CDSL050300	50	3
CDSL075300	75	3
CDSL100300	100	3
CDSL150300	150	3
CDSL225150	225	1.5
CDSL300150	300	1.5

Spare screwfix and tamperproof screwfix lids



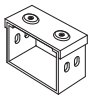
Screws and retaining clips not included. Lids up to 150 wide: 6 per 3 m lid; Lids 225 and 300 wide: 4 per 1.5 m lid.

» Accessories

Trunking connectors

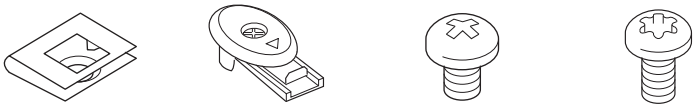
These connectors are supplied with connector screws, only available in pre-galvanised finish.

Fitting to fitting adaptors



These adaptors are supplied with lid and lid fixings, available up to 150 mm x 150 mm.

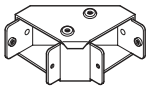
» Fastenings



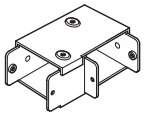
» Fittings

90° bends

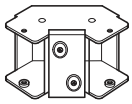
All 90° bends are supplied with lid, lid fixings and bend to trunking fastenings



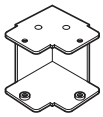
Top lid 90° bends (gusset)



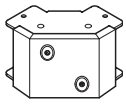
Top lid 90° bends (square)



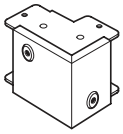
Inside lid 90° bends (gusset)



Inside lid 90° bends (square)



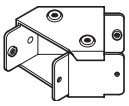
Outside lid 90° bends (gusset)



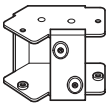
Outside lid 90° bends (square)

45° bends

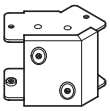
All 45° bends are supplied with lid, lid fixings and bend to trunking fastenings



Top lid 45° bends



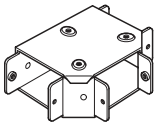
Inside lid 45° bends



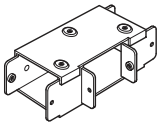
Outside lid 45° bends

Tees

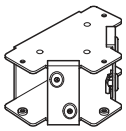
All top lid, inside lid and outside lid tees are supplied with lid, lid fixings and tee to trunking fastenings. Offset tees are supplied with lids and lid fixings only. Bridge flyovers reduce the cable capacity by 50% except on offset products which give full cable capacity.



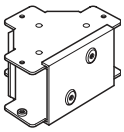
Top lid tees – gusset



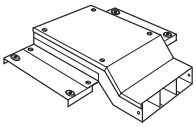
Top lid tees – square



Inside lid tees – gusset



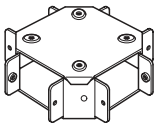
Outside lid tees – gusset



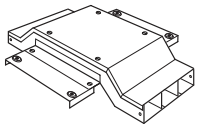
Offset tees

Crossovers

Supplied with lid, lid fixings and crossover to trunking fastenings

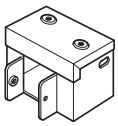


Crossovers



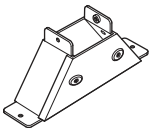
Offset crossovers

Reducers



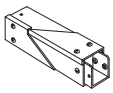
Reducers are supplied with lids, lid fixings and fastenings. The larger trunking size uses standard connector (not supplied) for joining to reducer.

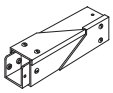
Bellmouths



Bellmouths are supplied with lids, lid fixings and bellmouth to trunking fastenings.

Change faces

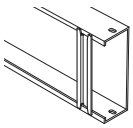




Change faces are supplied with lids, lid fixings and one trunking connector fitted.

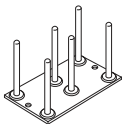
» Accessories

Cable retainers

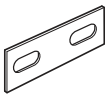


Ordering Code	Wide
	mm
CDCR050	50
CDCR075	75
CDCR100	100
CDCR150	150
CDCR225	225
CDCR300	300

Pin racks

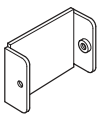


Earth link



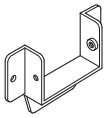
Fastenings not supplied

Stop ends



Supplied with fastenings

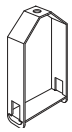
Flanges



Supplied with flange to trunking fastenings

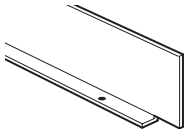
Stirrup hangers

Hole for M10 rod



Ordering Code	Wide	Max. Depth
	mm	mm
CDSH050050	50	50
CDSH075075	75	75
CDSH100100	100	100
CDSH150150	150	150
CDSH225075	225	75
CDSH225100	225	100
CDSH225150	225	150
CDSH225225	225	225
CDSH300100	300	100
CDSH300150	300	150
CDSH300300	300	300

Loose partitions



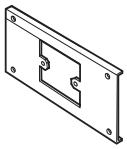
Ordering Code	Deep	Length
	mm	m
CDLP050300	50	3
CDLP075300	75	3
CDLP100300	100	3
CDLP150300	150	3
CDLP225300	225	3
CDLP300300	300	3

PVC edging strip

For fitting on to top edge of partition

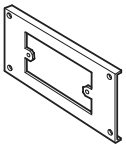
Socket plates

Single



Ordering Code	Wide
	mm
CDSP100	100
CDSP150	150
CDSP225	225
CDSP300	300

Twin



Ordering Code	Wide
	mm
CDTP100	100
CDTP150	150
CDTP225	225
CDTP300	300

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