



Type 241 Superflex 1.1 to 6.6KV

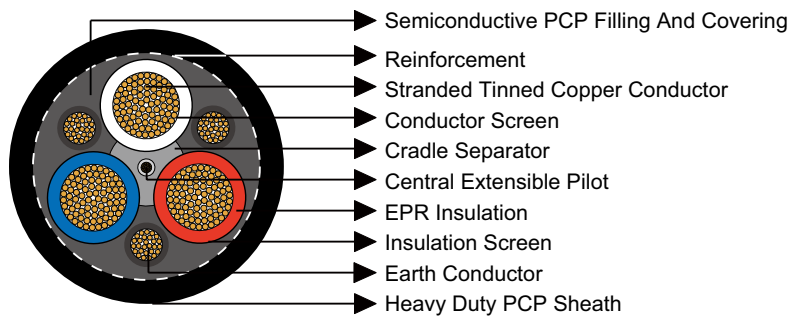
» Applications

These cables are similar to Type 241 cables, except more flexible and have a smaller 'natural' bending radius, suitable for use as monorail cable where cable loops will be narrower, thus allowing more space for other equipment and reducing opportunities for getting snagged.

» Standards

- AS/NZS 1802:2003
- AS/NZS 1125
- AS/NZS 3808
- AS/NZS 5000.1

» Construction



3×Conductors: Flexible stranded tinned annealed copper conductor.

Conductor Screen: Semiconductive compound (for cables having a voltage rating of 3.3/3.3kV and above).

Insulation: EPR.

Insulation Screen: Semiconductive elastomer.

Cradle Separator: Semiconductive PCP.

Overall Core Screen: Semiconductive PCP filling and covering.

3×Interstitial Earth Conductor: Semiconductive PCP covered flexible stranded tinned copper conductor.

1×Central Extensible Pilot: EPR covered flexible stranded tinned copper conductor.

Textile Reinforcement: Open-weave braid reinforcement.



AS/NZS 1802:2003 Reeling & Trailing Cables

Sheath: Heavy duty PCP sheath. Heavy duty CPE/CSP sheath can be offered upon request.

» Dimensions and Weight

Nominal Conductor Area	Strand Size	Insulation Thickness	Earth Conductor		Pilot Conductor		Thickness of Sheath Including SC PCP Layer	Nominal Overall Diameter	Nominal Weight
			Strand Size	Thickness of Covering	Strand Size	Thickness of Covering			
mm ²	No/mm	mm	No/mm	mm	No/mm	mm	mm	mm	kg/100m
Type 241.1									
70	361/0.50	1.8	110/0.40	1.0	40/0.20	0.8	5.3	53.0	485
95	475/0.50	2.0	85/0.40	1.0	40/0.20	0.8	5.8	58.8	595
120	608/0.50	2.1	110/0.40	1.2	40/0.20	0.8	6.3	62.5	715
150	740/0.50	2.3	135/0.40	1.2	40/0.20	0.8	6.7	67.0	840
185	925/0.50	2.5	165/0.40	1.4	40/0.20	0.8	7.3	75.1	1040
240	1221/0.50	2.8	216/0.40	1.4	40/0.20	0.8	8.0	85.7	1340
Type 241.3									
70	361/0.50	3.0	110/0.40	1.2	40/0.20	0.8	6.4	61.2	590
95	475/0.50	3.0	135/0.40	1.2	40/0.20	0.8	6.8	65.9	710
120	608/0.50	3.0	165/0.40	1.2	40/0.20	0.8	7.2	68.9	820
150	740/0.50	3.0	216/0.40	1.2	40/0.20	0.8	7.6	72.5	940
185	925/0.50	3.0	252/0.40	1.4	40/0.20	0.8	8.0	79.4	1130
240	1221/0.50	3.0	324/0.40	1.4	40/0.20	0.8	8.6	88.3	1420
Type 241.6									
70	361/0.50	5.0	110/0.40	1.4	40/0.20	0.8	7.4	72.1	750
95	475/0.50	5.0	135/0.40	1.4	40/0.20	0.8	7.9	77.0	885
120	608/0.50	5.0	165/0.40	1.4	40/0.20	0.8	8.3	79.9	1000
150	740/0.50	5.0	216/0.40	1.4	40/0.20	0.8	8.6	83.3	1130
185	925/0.50	5.0	252/0.40	1.4	40/0.20	0.8	9.0	90.2	1330
240	1221/0.50	5.0	324/0.40	1.4	40/0.20	0.8	9.6	99.1	1640