

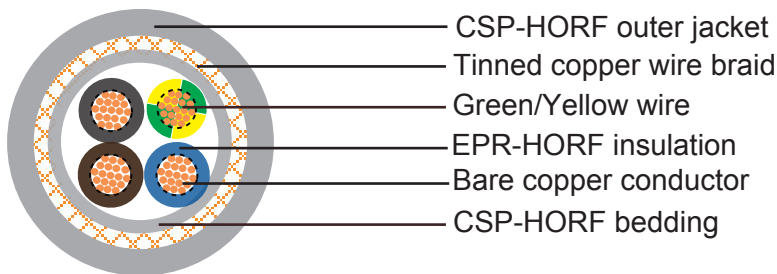


380TQ to BS 6500

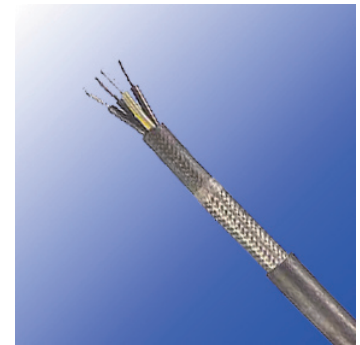
Application and Description

These cables are designed for temporary building sites as extension leads for portable or fixed equipment. The copper braid prevents earth leakage and offers mechanical protection.

Cable Construction



380TQ



380TQ

- Fine bare copper strands
- Stranding to BS 6360 CL-5 or IEC 60228 CL-5
- EPR insulation
- CSP(Chlorosulphonated Polyethylene), HOFR (Heat and Oil Resistant and Flame Retardant) bedding
- TCWB(tinned copper wire braid)
- CSP(Chlorosulphonated Polyethylene), HOFR (Heat and Oil Resistant and Flame Retardant) sheath

Core Identification

- 2 cores: Brown, Blue
- 3 cores: Green/Yellow + Brown, Blue
- 4 cores: Green/Yellow, Brown, Black, Grey
- 5 cores: Green/Yellow, Blue, Brown, Black, Grey
- 6 cores and above: white insulation with black numerals



Technical Characteristics

- Working voltage: 300/500 volts
- Minimum bending radius: 8.0xOverall diameter
- Temperature Range: -20° C to +85° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩxkm

Cable Parameter

AWG (No of Strands/ Strand Diameter)	No. of Cores x Nominal Cross Sectional Area #xmm ²	Nominal Thickness of Insulation mm	Nominal Thickness of Bedding mm	Diameter of Braid Wire mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter mm	Nominal Weight kg/km
3802TQ							
18(24/32)	2x0.75	0.6	0.8	0.2	1.1	9.7	149
17(32/32)	2x1	0.6	0.9	0.2	1.1	10.3	169
16(30/30)	2x1.5	0.8	1	0.2	1.3	12.3	236
14(50/30)	2x2.5	0.9	1.1	0.2	1.4	13.9	307
3803TQ							
18(24/32)	3x0.75	0.6	0.9	0.2	1.1	10.3	170
17(32/32)	3x1	0.6	0.9	0.2	1.2	11	196
16(30/30)	3x1.5	0.8	1.1	0.2	1.3	13.1	274
14(50/30)	3x2.5	0.9	1.2	0.2	1.5	15	366
3804TQ							
18(24/32)	4x0.75	0.6	0.9	0.2	1.2	11.1	198
17(32/32)	4x1	0.6	1	0.2	1.2	11.8	227
16(30/30)	4x1.5	0.8	1.1	0.2	1.4	14.1	319
14(50/30)	4x2.5	0.9	1.3	0.2	1.6	16.4	441
3805TQ							
18(24/32)	5x0.75	0.6	1	0.2	1.2	11.9	233
17(32/32)	5x1	0.6	1	0.2	1.3	12.7	272
16(30/30)	5x1.5	0.8	1.2	0.2	1.5	15.4	373
14(50/30)	5x2.5	0.9	1.3	0.2	1.6	17.4	502
3806TQ							
18(24/32)	6x0.75	0.6	1.1	0.2	1.3	13.1	272
16(30/30)	6x1.5	0.8	1.3	0.2	1.6	16.8	438
14(50/30)	6x2.5	0.9	1.4	0.2	1.8	19.2	593



AWG (No of Strands/ Strand Diameter)	No. of Cores x Nominal Cross Sectional Area #xmm ²	Nominal Thickness of Insulation mm	Nominal Thickness of Bedding mm	Diameter of Braid Wire mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter mm	Nominal Weight kg/km
3808TQ							
18(24/32)	8x0.75	0.6	1.2	0.2	1.5	15.2	350
16(30/30)	8x1.5	0.8	1.5	0.2	1.8	19.7	575
14(50/30)	8x2.5	0.9	1.7	0.3	2.1	23.4	856
38012TQ							
18(24/32)	12x0.75	0.6	1.3	0.2	1.6	16.8	449
16(30/30)	12x1.5	0.8	1.6	0.3	2	22.5	775
14(50/30)	12x2.5	0.9	1.8	0.3	2.3	26	1060
38016TQ							
18(24/32)	16x0.75	0.6	1.4	0.2	1.7	18.5	544
16(30/30)	16x1.5	0.8	1.8	0.3	2.2	25.3	1010
14(50/30)	16x2.5	0.9	2	0.3	2.5	28.9	1330
38020TQ							
18(24/32)	20x0.75	0.6	1.5	0.3	1.9	21.2	713
16(30/30)	20x1.5	0.8	2.1	0.3	2.6	30.8	1430
14(50/30)	20x2.5	0.9	2.4	0.4	3	36.3	2140
38025TQ							
18(24/32)	25x0.75	0.6	1.7	0.3	2.1	23.6	866
16(30/30)	25x1.5	0.8	2.1	0.3	2.6	30.8	1430
14(50/30)	25x2.5	0.9	2.4	0.4	3	36.3	2140
38030TQ							
18(24/32)	30x0.75	0.6	1.8	0.3	2.2	25	986
16(30/30)	30x1.5	0.8	2.2	0.4	2.8	33.2	1760
14(50/30)	30x2.5	0.9	2.6	0.4	3.2	38.7	2440