

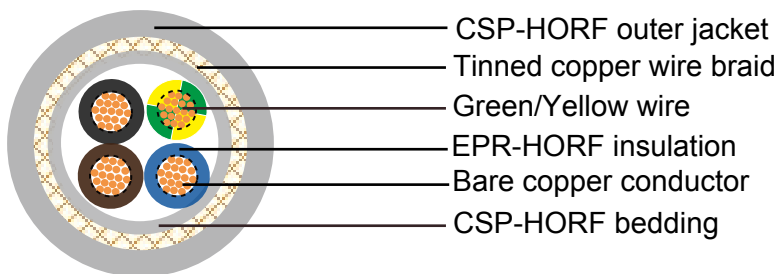


### 380TQ to BS 6500

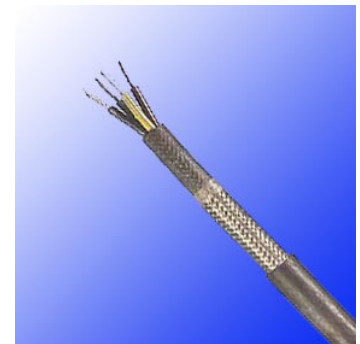
#### Application and Description

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 Class 5 or IEC 60228 Class 5
- EPR-HOFR( Ethylene Propylene Rubber-Heat and Oil Resistant and Flame Retardant) 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 <sup>2</sup>	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
<b>3802TQ</b>							
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
<b>3803TQ</b>							
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
<b>3804TQ</b>							
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
<b>3805TQ</b>							
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
<b>3806TQ</b>							
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 <sup>2</sup>	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
<b>3808TQ</b>							
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
<b>38012TQ</b>							
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
<b>38016TQ</b>							
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
<b>38020TQ</b>							
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
<b>38025TQ</b>							
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
<b>38030TQ</b>							
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