

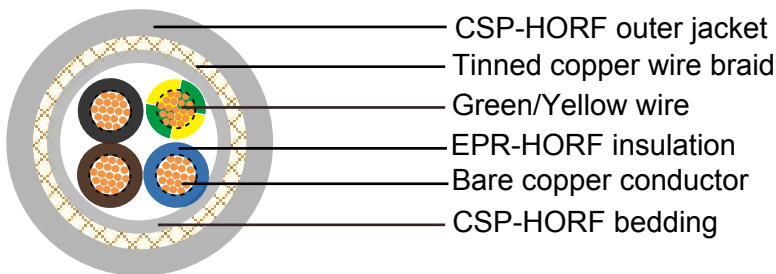


680TQ to BS 6007

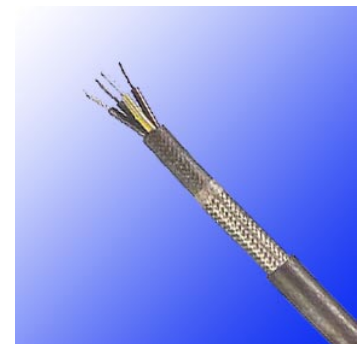
Application and Description

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



680TQ



680TQ

- 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: 450/750 volts
- Minimum bending radius: 8.0xOverall diameter (below 25mm²)
10xOverall diameter (above 25mm²)
- 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
6802TQ							
12(56/28)	2x4	1	2	0.2	2.6	19.8	578
6803TQ							
12(56/28)	3x4	1	2.2	0.2	2.8	21.3	684
10(84/28)	3x6	1	2.4	0.3	3.1	24.8	955
8(80/26)	3x10	1.2	3.1	0.3	3.8	30.7	1450
6(128/26)	3x16	1.2	3.3	0.3	4	33.8	1840
4(200/26)	3x25	1.4	3.6	0.4	4.4	39.6	2620
6804TQ							
12(56/28)	4x4	1	2.3	0.3	3	23.6	874
10(84/28)	4x6	1	2.6	0.3	3.3	27.1	1147
8(80/26)	4x10	1.2	3.3	0.3	4	33.3	1730
6(128/26)	4x16	1.2	3.5	0.4	4.2	37.2	2310
4(200/26)	4x25	1.4	3.8	0.4	4.7	43.2	3170
2(280/26)	4x35	1.4	4.1	0.4	5	47.9	3990
1(400/26)	4x50	1.6	4.6	0.4	5.5	55.1	5320