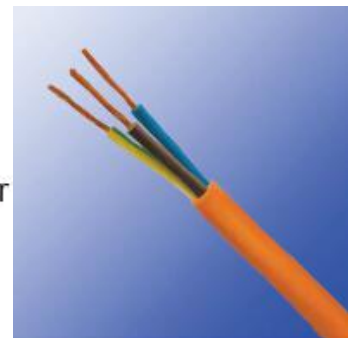
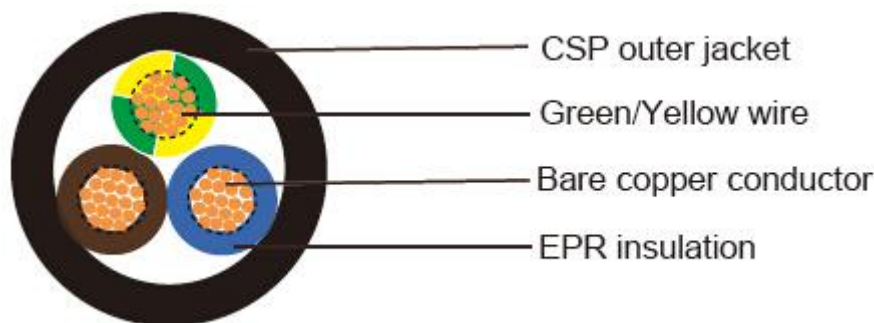


318TQ to BS 6500

Application and Description

318TQ to BS 6500 cables can be used either in dry, humid or wet places or in contact with oil or grease, in weather conditions and under weak mechanical stress, they are suitable for power supply to small appliances in industrial plants, machine shops, heating plates, portable lamps, farming equipment etc. 318TQ to BS 6500 cables are also suitable for caravans and camping equipment. 318TQ is equivalent to harmonized code H05BN4-F.

Cable Construction



Fine bare copper strands
Stranding to BS 6360 CL-5 or IEC 60228 CL-5
EPR(Ethylene Propylene Rubber) rubber EI7 insulation
CSP(Chlorosulphonated Polyethylene) outer jacket EM7

Core Identification

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

Technical Characteristics

Working voltage: 300/500 volts
Test voltage: 2000 volts
Flexing bending radius: 6xOverall diameter
Fixed bending radius: 4xOverall diameter
Temperature Range: -25° C to +90° C
Maximum short circuit temperature: +250° 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 Sheath mm	Nominal Overall Diameter mm	Nominal Weight kg/km
3182TQ					
18(24/32)	2x0.75	0.6	0.8	6.5	66
17(32/32)	2x1	0.6	0.9	7.1	79
3183TQ					
18(24/32)	3x0.75	0.6	0.9	7.1	80
17(32/32)	3x1	0.6	0.9	7.6	94