

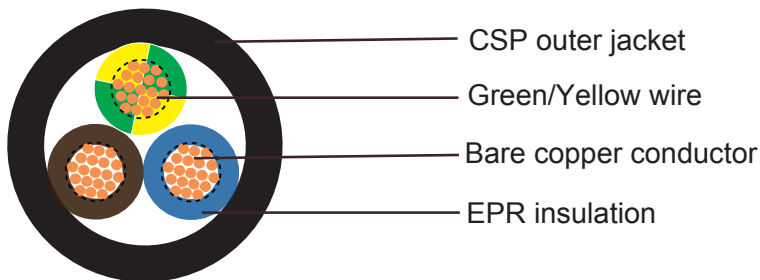


### 318TQ to BS 6500(New BS EN 50525-2-21)

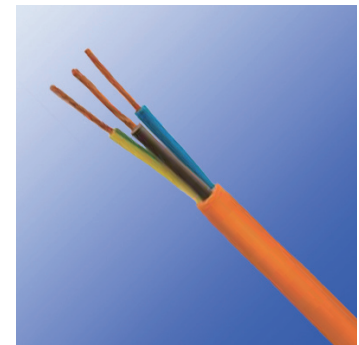
#### Application and Description

These 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. They are also suitable for caravans and camping equipment. 318TQ is equivalent to harmonized code H05BN4-F.

#### Cable Construction



3183TQ



3183TQ

- 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

- 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
- 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 <sup>2</sup>	Nominal Thickness of Insulation mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter mm	Nominal Weight kg/km
<b>3182TQ</b>					
18(24/32)	2x0.75	0.6	0.8	6.5	66
17(32/32)	2x1	0.6	0.9	7.1	79
<b>3183TQ</b>					
18(24/32)	3x0.75	0.6	0.9	7.1	80
17(32/32)	3x1	0.6	0.9	7.6	94