

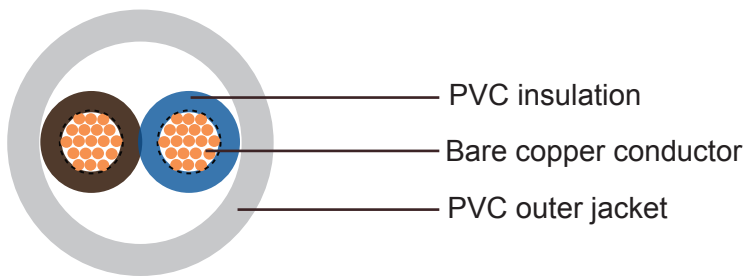


218Y to BS 6500(New BS EN 50525-2-11)

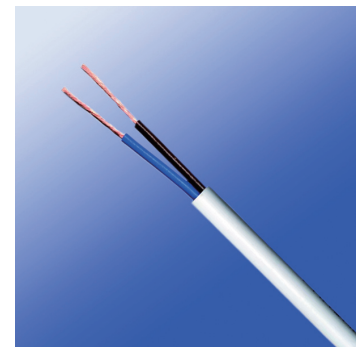
Application and Description

These cable types are especially suited for use on small appliances with low mechanical stress and for connection for light household appliances, e.g. kitchen utensils, desk lamps, floor lamps, vacuum cleaners, office machines, radios, etc. As far as these cables are admitted to the relevant specifications of the equipment, They are not permitted for use with cooking or heating apparatus. 218Y is equivalent to harmonized code H03VV-F.

Cable Construction



2182Y



2182Y

- Bare copper fine wire conductor
- Stranding to BS 6360 CL-5 or IEC 60228 CL-5
- PVC core insulation TI2 to BS 7655
- Green/Yellow grounding (3 conductors and above)
- PVC outer jacket TM2 to BS 7655

Core Identification

- 2 Cores: Blue, Brown
- 3 Cores: Green/Yellow, Blue, Brown
- 4 cores: Green/Yellow, black, brown, blue



Technical Characteristics

- Working voltage: 300/300 volts
- Test voltage: 2000 volts
- Flexing bending radius: 7.5xOverall diameter
- Static bending radius: 4xOverall diameter
- Flexing temperature: -5° C to +70° C
- Static temperature: -40° C to +70° C
- Short circuit temperature: +160° 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 Copper Weight kg/km | Nominal Weight kg/km |
|--|--|---|---|--------------------------------------|--------------------------------------|----------------------------|
| 2182Y | | | | | | |
| 20(16/32) | 2x0.50 | 0.5 | 0.6 | 5 | 9.6 | 38 |
| 18(24/32) | 2x0.75 | 0.5 | 0.6 | 5.5 | 14.4 | 46 |
| 2183Y | | | | | | |
| 20(16/32) | 3x0.50 | 0.5 | 0.6 | 5.4 | 14.4 | 45 |
| 18(24/32) | 3x0.75 | 0.5 | 0.6 | 6 | 21.6 | 59 |
| 2184Y | | | | | | |
| 20(16/32) | 4x0.50 | 0.5 | 0.6 | 5.8 | 19.2 | 55 |
| 18(24/32) | 4x0.75 | 0.5 | 0.6 | 6.5 | 28.8 | 72 |