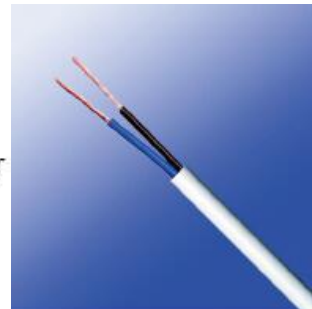
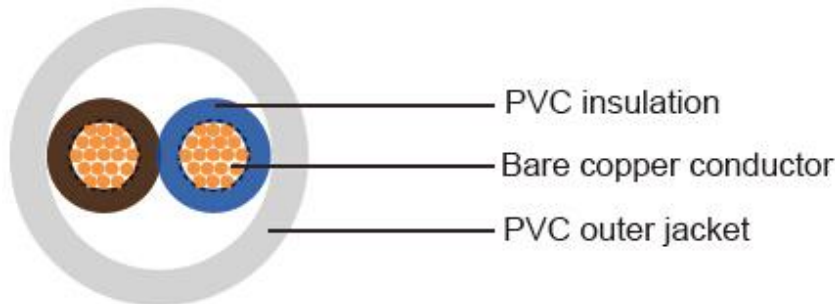


218Y to BS 6500(New BS EN 50525-2-11)

Application and Description

218Y to BS 6500(New BS EN 50525-2-11) 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, 218Y to BS 6500(New BS EN 50525-2-11) cables are not permitted for use with cooking or heating apparatus. 218Y is equivalent to harmonized code H03VV-F.

Cable Construction



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

2Cores: Blue, Brown

3Cores: Green/Yellow, Blue, Brown

4cores: 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