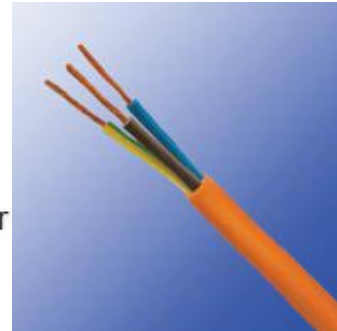
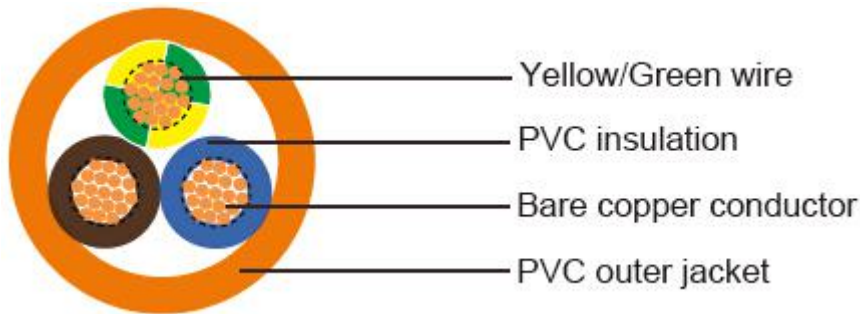


209Y to BS 6500(New BS EN 50525-2-11)

Application and Description

209Y to BS 6500(New BS EN 50525-2-11) cables are suitable for domestic premises, kitchen, office for light service or light portable apparatuses. With their special insulation and sheath compounds, these cables are adapted for apparatus in kitchen and heating and for use in zones with high temperatures (like lighting system apparatuses) without contact with warm parts and radiations. 209Y is equivalent to harmonized code H03V2V2-F.

Cable Construction



Bare copper fine wire conductor

Stranding to BS 6360 CL-5 or IEC 60228 CL-5

PVC core insulation TI3

PVC outer jacket TM3

Core Identification

Cores: Blue, Brown

Cores: Green/Yellow, Blue, Brown

cores: Green/Yellow, Black, Brown, Blue

Cores: Green/Yellow, Brown, Black, Grey, Blue

Technical Characteristics

Working voltage: 300/300 volts

Test voltage: 2000 volts

Flexing bending radius: 4xOverall diameter

Static bending radius: 3xOverall diameter

Flexing temperature: +5° C to +90° C

Static temperature: -40° C to +90° 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
2092Y						
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
2093Y						
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
2094Y						
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