

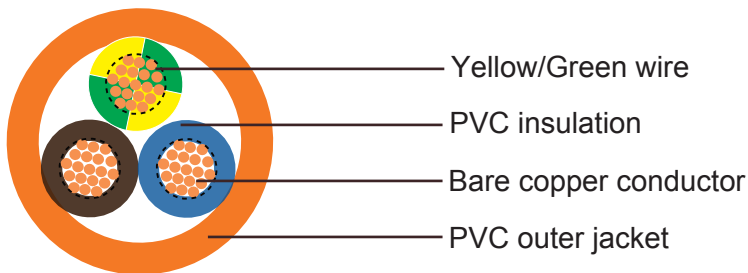


### 209Y to BS 6500(New BS EN 50525-2-11)

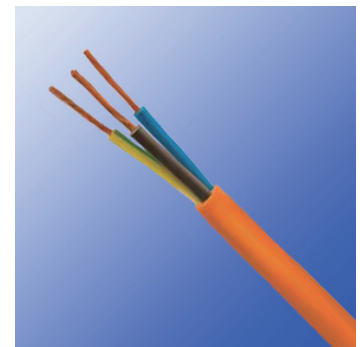
#### Application and Description

These 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



209Y



209Y

- 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

- 2 Cores: Blue, Brown
- 3 Cores: Green/Yellow, Blue, Brown
- 4 cores: Green/Yellow, Black, Brown, Blue
- 5 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 <sup>2</sup>	Nominal Thickness of Insulation mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter mm	Nominal Copper Weight kg/km	Nominal Weight kg/km
<b>2092Y</b>						
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
<b>2093Y</b>						
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
<b>2094Y</b>						
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