



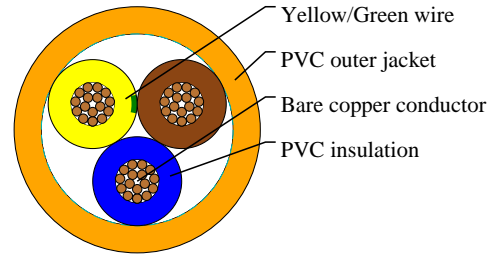
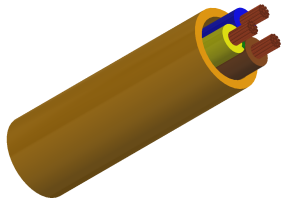
# Caledonian

Industrial Cables to British Standard

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



## APPLICATIONS

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.

## VOLTAGE RATING

300/300V

## 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

## COLOUR CODE

3 Cores: Green/Yellow, Blue, Brown

## PHYSICAL AND THERMAL PROPERTIES

- 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

## DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	AWG Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Nominal Copper Weight	Approx. Weight
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No. x mm <sup>2</sup>		mm	mm	mm	kg/km	kg/km
3x0.5	20(16/32)	0.5	0.6	5.4	14.4	45