



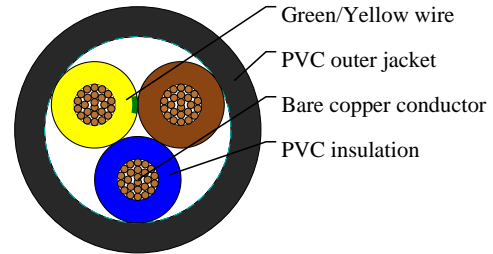
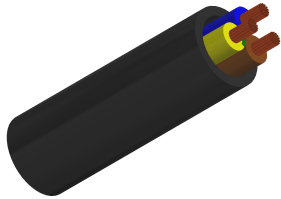
# Caledonian

Industrial Cables to British Standard

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309Y 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 temperature (like lighting system apparatuses) without contact with warm parts and radiations. Unsuitable for outdoor use, in industrial and agricultural buildings or non-domestic portable tools. 309Y is equivalent to harmonized code H05V2V2-F.

## VOLTAGE RATING

300/500V

## CABLE CONSTRUCTION

- Bare copper fine wire conductor
- Stranding to BS CL-5 or IEC 60228 CL-5
- PVC core insulation TI3 to BS 7655
- Green/Yellow grounding (3 conductors and above)
- PVC outer jacket TM3 to BS 7655

## COLOUR CODE

3 Cores: Green/Yellow, Blue, Brown

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 volts
- Flexing bending radius: 15xOverall diameter
- Static bending radius: 4xOverall 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



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No. of Cores × Cross- sectional Area	AWG Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Overall Diameter (min.)	Overall Diameter (max.)	Nominal Copper Weight	Approx. Weight
No. × mm <sup>2</sup>		mm	mm	mm	mm	kg/km	kg/km
3 × 0.75	18(24/32)	0.6	0.8	6.4	8	21.6	61