



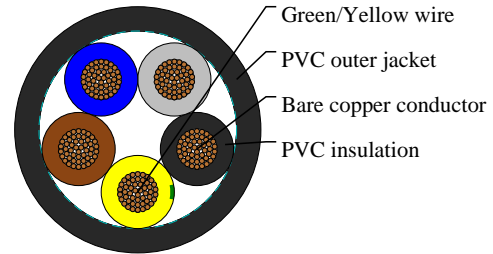
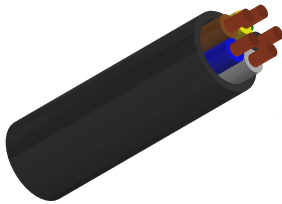
# Caledonian

Industrial Cables to British Standard

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318Y to BS 6500(New BS EN 50525-2-11)



## APPLICATIONS

These cables are suited for medium mechanical stress in damp and wet environments such as refrigerators, washing machines, spin dryers and other appliances, as long as it meets applicable equipment specifications. These cables are also suited for cooking and heating apparatus, provided that the cable does not come into direct contact with the hot parts of the apparatus or with any other heat source. Further applications of this cable include: Fixed installation in furniture, partition walls, decorative covering, and in the hollow spaces of prefabricated building parts. They are not suitable for outdoor use, industrial (except clothing manufacture) or farming applications. 318Y is equivalent to harmonized code H05VV-F.

## VOLTAGE RATING

300/500V

## 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

## COLOUR CODE

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

## PHYSICAL AND THERMAL PROPERTIES

- 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

## DIMENSION AND PARAMETERS



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| No. of Cores<br>× Cross-<br>sectional Area | AWG Size  | Nominal<br>Insulation<br>Thickness | Nominal<br>Sheath<br>Thickness | Approx.<br>Overall<br>Diameter | Nominal<br>Copper Weight | Approx.<br>Weight |
|--|-----------|------------------------------------|--------------------------------|--------------------------------|--------------------------|-------------------|
| No.×mm <sup>2</sup>                        |           | mm                                 | mm                             | mm                             | kg/km                    | kg/km             |
| 5x2.50                                     | 14(50/30) | 0.8                                | 1.2                            | 12.4                           | 120                      | 262               |