



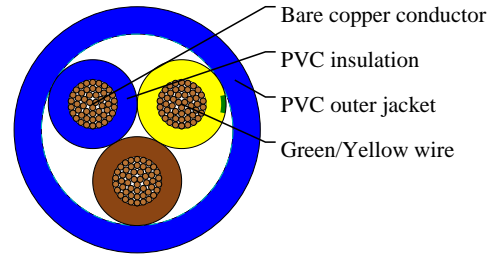
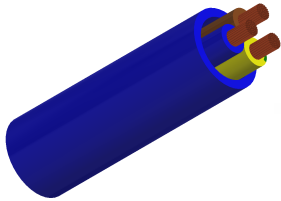
# Caledonian

Industrial Cables to British Standard

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## 318A to BS 6004(Formerly BS 7919)



### APPLICATIONS

These cables are designed to withstand severe external temperatures and will remain flexible at temperatures down to  $-40^{\circ}\text{C}$ . Making them particularly suitable for outdoor applications and for use where flexibility is required at sub zero temperatures. At normal temperatures the cable is very flexible, offering some of the characteristics usually found in elastomeric cables.

### VOLTAGE RATING

300/500V

### CABLE CONSTRUCTION

- Annealed copper conductor
- Stranding to BS 6360 CL-5 or IEC 60228 CL-5
- PVC core insulation TI 4 to EN 50363-3-1(formerly BS 7655-3-1)
- Green/Yellow grounding (3 conductors and above)
- PVC outer jacket Type 10 to BS7655-4-2
- Yellow or blue

### COLOUR CODE

3 Cores: Green/Yellow, Blue, Brown

### PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 volts
- Flexing bending radius:  $6 \times$  Overall diameter
- Static bending radius:  $4 \times$  Overall diameter
- Flexing temperature:  $-5^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Static temperature:  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Short circuit temperature:  $+160^{\circ}\text{C}$
- Flame retardant: IEC 60332.1
- Insulation resistance:  $20\text{ M}\Omega \times \text{km}$

### 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             |
| 3x2.5                                      | 14(50/30) | 0.8                                | 1.1                            | 10.1                           | 72                       | 169               |