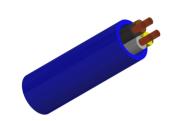


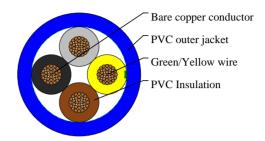
### Caledonian

#### Industrial Cables to British Standard

www.caledonian-cables.com marketing@caledonian-cables.com

#### 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°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

- Anealed 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**

4 Cores: Green/Yellow, Brown, Black, Grey or Green/Yellow, Blue, Brown, Black

#### PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 volts

Flexing bending radius: 6xOverall diameter
 Static bending radius: 4xOverall diameter
 Flexing temperature: -5° C to +70° C
 Static temperature: -40° C to +70° C

Flame retardant: IEC 60332.1
Insulation resistance: 20 MΩxkm

- Short circuit temperature: +160° C

#### **DIMENSION AND PARAMETERS**



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No. of Cores  × Cross- sectional Area	AWG Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Nominal Copper Weight	Approx. Weight
No.×mm²		mm	mm	mm	kg/km	kg/km
4x1.5	16(30/30)	0.7	1.0	9.2	58	142