



# Doncaster Cables

## 318-A (ARCTIC GRADE)

LOW TEMPERATURE PVC INSULATED AND SHEATHED FLEXIBLE CORD



- Manufactured in the UK
- Manufactured with 100% renewable energy
- Uses materials and manufacturing techniques designed to make the electricians life easier

**Conductor** Plain Annealed Copper Class 5 Flexible to BS EN 60228

**Insulation** PVC Type T12 to BS EN 50363-3

**Sheathing** Low Temperature PVC Type 10 to BS 7655-4-2

**Current Ratings** For current ratings refer to table 4F3A of BS7671 IET Wiring Regulations.

**Voltage Rating** 300/500V

**Maximum operating temperature** 60°C

These Arctic Grade flexible cords are manufactured with a low temperature PVC insulation and sheath. They are suitable for installation and handling at temperatures down to -25°C and are cold bend tested to -40°C.

These cables are suitable for use on ELV systems (110V centre tapped) on building sites in the UK, for use with temporary traffic light systems when suitably protected, indoor use at low voltage (230V).

**The British Cable Company You Can Trust**



**Sales Office: Millfield Industrial Estate, Arksey Lane, Bentley, Doncaster, South Yorkshire, DN5 0SJ**  
**Tel: 01302 821700 Email: sales@doncastercables.com**



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### LOW TEMPERATURE PVC INSULATED AND SHEATHED FLEXIBLE CORD

These cables are not designed for outdoor use at voltages exceeding 110V.  
Yellow sheathed flexibles are intended for use on ELV and site services etc.  
Blue sheathed flexibles are for intended for use on temporary traffic lights etc.

#### STANDARD CORE COLOURS



#### Dimensional Details:

Product Code	Harmonisation Code	Nominal Stranding of Conductor (mm)	Nominal Stranding of CPC (mm)	Nominal Radial Thickness of Insulation (mm)	Nominal Radial Thickness of Sheath (mm)	Overall Diameter Lower Limit (mm)	Overall Diameter Upper Limit (mm)	Approximate Weight (kg/km)
3182Y1.0A	NATIONAL TYPE	1	30/0.20	0.6	0.8	5.9	7.5	71
3183Y1.0A	NATIONAL TYPE	1	30/0.20	0.6	0.8	6.3	8	85
3183Y1.5A	NATIONAL TYPE	1.5	30/0.25	0.7	0.9	7.4	9.4	118
3183Y2.5A	NATIONAL TYPE	2.5	50/0.25	0.8	1.1	9.2	11.4	177
3183Y4.0A	NATIONAL TYPE	4	56/0.30	0.8	1.2	10.5	13.1	253
3184Y1.5A	NATIONAL TYPE	1.5	30/0.25	0.7	1	8.4	10.5	146
3184Y2.5A	NATIONAL TYPE	2.5	50/0.25	0.8	1.1	10.1	12.5	235

Weight and dimensional information is provided as an approximate guide only.

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