

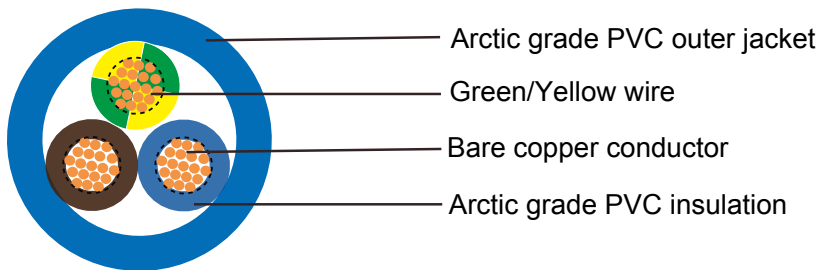


### Arctic Grade to BS 6500

#### Application and Description

These cables are designed to withstand severe external temperatures. The Arctic Grade PVC mains cords generally manufactured to BS6500 will remain flexible at temperatures down to minus -20°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 limp and flexible, offering some of the characteristics usually found in elastomeric cables.

#### Cable Construction



Arctic grade



Arctic grade

- Fine bare copper strands
- Stranding to BS 6360 Class 5 or IEC 60228 Class 5
- Arctic grade PVC (Polyvinyl Chloride) insulation
- Arctic grade PVC (Polyvinyl Chloride) sheath, blue/yellow

#### Core Identification

- 2 Cores: Blue, Brown
- 3 Cores: Green/Yellow, Blue, Brown
- 4 cores: Green/Yellow, Brown, Black, Grey



### Technical Characteristics:

- Working voltage: 300/500 volts
- Minimum bending radius: 6xOverall diameter
- Operating temperature: -20° C to +70° C

### Cable Parameter

AWG (No of Strands/ Strand Diameter)	No. of Cores x Nominal Cross Sectional Area #x $\text{mm}^2$	Nominal Overall Diameter mm	Nominal Weight kg/km
18(24/32)	2x0.75	6.2	58
17(32/32)	2x1.0	6.4	67
16(30/30)	2x1.5	7.4	89
14(50/30)	2x2.5	9.2	140
12(56/28)	2x4	10.4	200
16(30/30)	3x1.5	8.1	90
14(50/30)	3x2.5	10	180
12(56/28)	3x4	11.4	240
10(84/28)	3x6	13.2	315
16(30/30)	4x1.5	9.5	130
14(50/30)	4x2.5	11.3	315