

Arctic Cable

Cable Application

Arctic grade PVC flexible cords, 300/500V Cable. Primarily designed to stay flexible at extremely low temperatures. Used in the connection of electrical appliances for outdoor industrial installations that need to remain operational in extreme climatic conditions. Generally to BS6500: electric cables, flexible chords rated up to 300/500V for use in domestic offices and similar applications.

Technical Information

Conductors:	Flexible class 5 plain annealed stranded copper to IEC 60228 (formally BS 6360)
Insulation:	Arctic grade PVC Type TI 4 to BS 7655
Sheath:	Arctic Grade PVC Type 8 to BS 7655
Sheath Colour:	Available in yellow (for 110V applications) and blue (for 220V applications)
Voltage Rating:	300/500V
Temperature Range:	-40°C to +70°C

Cables Types

3182AG:	2 core round profile • Colours brown and blue
3183AG:	3 core round profile • Colours brown, blue and green/yellow

Cross sectional area mm ²	Number and Nominal diameter of strands number/mm	Current rating amps	Nominal thickness of insulation mm	Nominal thickness of sheath mm	Nominal overall diameter mm	Nominal weight kg/km
1.5	30/0.25	15	0.7	1.1	8.9	120
2.5	50/0.25	20	0.8	1.2	10.8	180
4.0	51/0.30	25	0.8	1.2	11.3	225
6.0	76/0.30	34	0.8	1.4	13.2	315

For current ratings refer to IEE Regulations tables 4F3A and B pages 127 to 128.

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