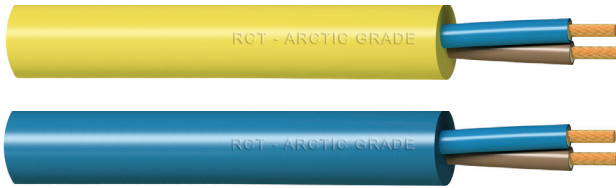


300/500V Cables

Arctic Grade



Description

These cables are designed to support severe climate conditions and to remain flexible at such low temperatures as -20°C. The plastic formulation for the Arctic Grade cables, manufactured according to standard BS6500, means that they remain flexible in extreme cold conditions, making them ideal for outdoor applications, where cable flexibility is a requirement at temperatures of below 0°C.



Applications

Installations at very low temperatures (-20°C) where the cable must remain flexible.

Dimensions

Section (mm ²)	Resistance at 20 °C (Ω/km)	External Diameter (mm)	Weight (Kg/Km)
2x0,50	39,00	6,10	53
2x0,75	26,00	6,30	57
2x1	19,50	6,40	64
2x1,5	13,30	7,40	85
2x2,5	7,98	9,00	128
2x4	4,95	10,40	179
3x1,5	13,30	8,10	107
3x2,5	7,98	9,80	161
3x4	4,95	11,30	225

Cables with more than 3 conductors can be manufactured with one of the cores yellow/green.

Technical characteristics

1. Conductor	Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS6360) and UNE 60228.
2. Insulation	TI-1 according UNE 21031-4, HD 21.4S2:1990 and IEC 227-4:1979 MOD and NF C32-207/A1.
3. Sheathing	TM-1 according UNE 21031-4, HD 21.4S2:1990 and IEC 227-4:1979 MOD and NF C32-207/A1.
Rated voltage	300/500V
Test voltage	2.000V in A.C.
Maximum temperature	70°C

Other characteristics

- Sheath colours: blue or yellow
- Non-flame propagating according to UNE-EN 60332
- PVC insulation with reduced hydrogen chloride (HCL) emission

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