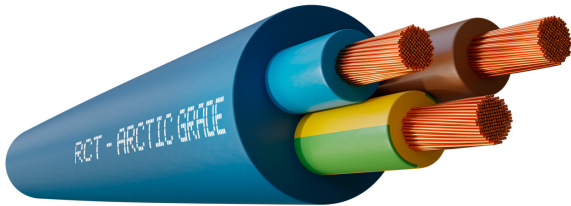


Cables 300/500 V

318-A Arctic Grade



Description

The Arctic Grade cables comply with the construction product classification criteria according to the EU CPR Regulation 305/2011 and EN 50575.

These cables are designed to support severe climate conditions and to remain flexible at such low temperatures as -40 °C. The plastic formulation for the Arctic Grade cables, manufactured according to standard BS6004, 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.

Reference Standards BS 6004 table 6

Applications

- Suitable for the following installations:
- Installations at very low temperatures (-40°C) where the cable must remain flexible.

Technical Characteristics

1. Conductor	Flexible electrolytic copper conductor (Class V) according to BS-EN 60228, UNE-EN 60228 and UNE 60228
2. Insulation	PVC Insulation type TI-4 according to BS-EN 50363-3, UNE-EN 50363-3 and EN 50363-3
3. Sheath	PVC type 10 according to BS 7655-4.2
Nominal voltage	300/500V
Test voltage	2.000 V A.C.
Service temperature	-40 °C/ 70 °C
Colours	Sheath colours: blue or yellow
No flame spread	According to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2

The information contained on this page is for information only and does not constitute a contractual commitment of any kind from Cables RCT. 17 de julio de 2024
Cables RCT, as a consequence of his continuous improvement process, may modify any technical specification without further notice.



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Dimensions

Section (mm ²)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
2x0,5	39	4,8	31	
2x1	19,5	5,9	50	
2x1,5	13,3	7,12	72	
2x2,5	7,98	8,8	111	Eca
3x0,5	39	5,7	42	
3x0,75	26	6,18	54	
3x1,5	13,3	7,86	93	Eca
3x2,5	7,98	9,61	142	Eca
3x4	4,95	10,5	191	Eca
3x10	1,91	14,45	408	Eca
4x1,5	13,3	8,54	115	Eca
4x2,5	7,98	10,47	176	Eca
4x6	3,3	13,76	349	Eca
5x1,5	13,3	9,58	145	Eca
5x2,5	7,98	11,2	216	Eca
5x4	4,95	13	301	Eca
5x6	3,3	14,3	410	Eca
5x10	1,91	18,26	667	Eca
7x1,5	13,3	10,7	188	Eca