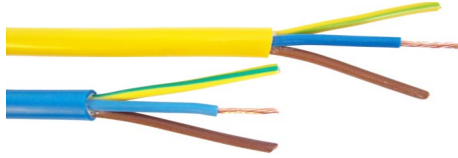


318*AG Arctic Grade Technical Data Sheet



Rated Voltage	Temperature Range
300/500V	-40°C - +70°C

Conductor:	Class 5 flexible copper conductor to EN 60228
Insulation:	PVC type TI4
Core identification:	2 Cores: Blue, Brown 3 Cores: Green/Yellow, Blue, Brown 4 Cores: Green/Yellow, Brown, Black, Grey or Green/Yellow, Blue, Brown, Black. 5 Cores: Green/Yellow, Blue, Brown, Black, Grey.
Sheath:	Yellow or Blue PVC type 10
Standards:	BS 6004:2012, up to 4 core BASEC Approved
Application:	Arctic grade cable remains flexible down to -40°C, suitable for outdoor and sub zero applications

Size (mm ²)	Insulation Thickness (mm)	Sheathed Thickness (mm)	Mean Overall Diameter (mm)	Conductor Resistance (Ohm/km)	Approximate Weight (Kg/km)
3 x 0.75	0.60	0.80	6.70	26.0	68
3 x 1	0.60	0.80	7.10	19.50	78
3 x 1.5	0.70	0.90	8.20	13.3	106
3 x 2.5	0.80	1.10	10.10	7.98	162
3 x 4	0.80	1.20	11.60	4.95	232
3 x 6	0.80	1.20	12.3	3.30	315
4 x 0.75	0.60	0.80	7.30	26.0	81
4 x 1	0.60	0.90	8.10	19.5	101
4 x 1.5	0.70	1.00	9.00	13.3	132
4 x 2.5	0.80	1.10	10.70	7.98	202
4 x 4	0.80	1.20	12.70	4.95	278
5 x 0.75	0.60	0.90	8.30	26.0	102
5 x 1.0	0.60	0.90	8.70	19.5	118
5 x 1.5	0.70	1.10	10.20	13.3	166
5 x 2.5	0.80	1.20	12.00	7.98	255
5 x 4	0.80	1.40	14.00	4.95	345