

318X A

[ARCTIC GRADE]

ORDINARY DUTY LOW TEMPERATURE PVC
INSULATED AND SHEATHED FLEXIBLE CABLE



PVC (Type10)

PVC (T14)

Class 5 Flexible Copper

TYPE: 318X A ARCTIC GRADE

STANDARDS: BS 6004:2012+A1:2020

TECHNICAL DATA:

Max. Operating Temperature: -40 °C to +70°C

Rated Voltage: 300/500 V

Declared Performance:

Eca (EN 50575:2014/A1:2016)

Flame Retardant according to IEC/EN 60332-1-2

CONSTRUCTION:

CONDUCTOR

BS EN 60228, Class 5 Flexible Copper

INSULATION

PVC (T14)

SHEATH

PVC (Type10)

APPROVALS:



PRODUCT MARKING LICENCE NO. 175301

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SIZE (mm²)	MEAN OVERALL DIAMETER (mm)	CURRENT CARRYING CAPACITY (A)	CONDUCTOR RESISTANCE (Ohm/km)	APPROXIMATE WEIGHT (kg/km)
3182 A				
2 x 0.75	6.4	6	26	58
2 x 1	6.7	10	19.5	68
2 x 1.5	7.5	16	13.3	86
2 x 2.5	9.3	25	7.98	132
2 x 4	10.8	32	4.95	182
3183 A				
3 x 0.75	6.7	6	26	69
3 x 1	7.1	10	19.5	78
3 x 1.5	8.2	16	13.3	105
3 x 2.5	10.1	25	7.98	161
3 x 4	11.6	32	4.95	230
3 x 6	12.3	48	3.3	315
3184 A				
4 x 0.75	7.3	6	26	101
4 x 1	8.1	10	19.5	121
4 x 1.5	9	16	13.3	203
4 x 2.5	10.7	25	7.98	270
4 x 4	12.7	32	4.95	103
3185 A				
5 x 0.75	8.3	6	26	119
5 x 1	8.7	10	19.5	166
5 x 1.5	10.2	16	13.3	255
5 x 2.5	12	25	7.98	365
5 x 4	14	32	4.95	101

APPLICATION

PVC cables are particularly suitable for outdoor applications and use where flexibility is required at sub-zero temperatures. It maintains its flexibility by showing resistance up to -40 degrees. Low smoke emission in case of fire.

REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



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 Color: Blue or Yellow