CLEVELAND CABLE COMPANY
A WORLD POWER IN CABLE SUPPLY

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318* PVC ARCTIC GRADE FLEXIBLE CORDS

APPLICATION

Arctic grade cable manufactured to BS6004. The British standard cable will remain flexible to as low as -40 degrees celsius, which makes it ideal for indoor or outdoor use to power portable tools or temporary traffic lights.

CABLE STANDARDS

BS EN 50265

BS 6004

CONSTRUCTION

Conductor: Plain annealed flexible stranded copper conductor

Insulation: Polyvinyl Chloride (PVC)

Sheath: Polyvinyl Chloride (PVC)

CHARACTERISTICS

Voltage Rating: 300/500 Volts

Temperature Rating: Flexing -40°C to +70°C

Minimum Bending Radius: As per cable manufacturer datasheet

CORE IDENTIFICATION

3 Core: ◼ Brown ◼ Blue ◼ Green/Yellow
4 Core: ◼ Brown ◼ Black ◼ Grey
          ◼ G/Y
Sheath: ◼ Blue ◻ Yellow

Should not be installed at temperatures below 0°C or above +60°C

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318* PVC ARCTIC GRADE FLEXIBLE CORDS - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM²)	STRANDING (MM)	NUMBER OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER (MM)	GLAND SIZE
3183AG1/5	1.5	30/0.25	3	90	8.2	20S
3184AG1/5	1.5	30/0.25	4	130	9.55	20S
3183AG2/5	2.5	50/0.25	3	180	10.15	20S
3184AG2/5	2.5	50/0.25	4	220	11.3	20
3183AG4	4	56/0.30	3	240	11.4	20
3183AG6	6	76/0.30	3	315	13.2	20
6181B16	16	7/1.04	1	225	10.5	20S
6181B25	25	7/2.14	1	340	12.5	20
6181B35	35	7/2.52	1	440	13.5	25

ARCTIC GRADE FLEXIBLE CORDS– ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA MM²	REFERENCE METHOD A (IN CONDUIT IN WALL)	REFERENCE METHOD C (CLIPPED DIRECT)	VOLTAGE DROP MV/A/M
1	11	20	44
1.5	14.5	27	29
2.5	20	31	18
4	26	42	12
6	34	53	7.9

THE ABOVE IS IN ACCORDANCE WITH 18TH EDITION OF IET WIRING REGULATIONS