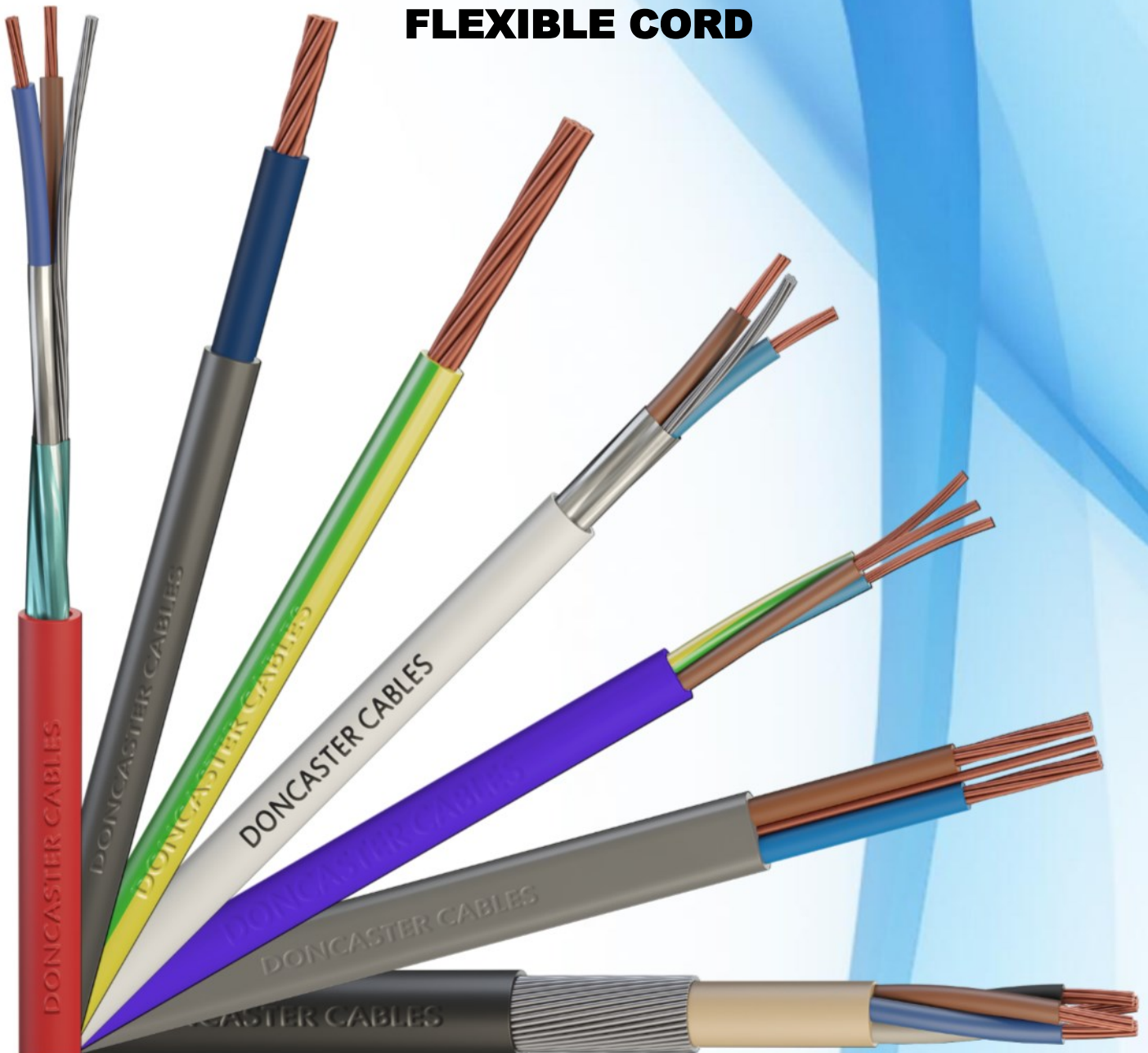# 318-A (ARCTIC GRADE)
LOW TEMPERATURE PVC INSULATED AND SHEATHED FLEXIBLE CORD

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Manufactured to BS 6004 Table 6 (previously BS7919 Table 44)

Plain Annealed Flexible Copper Conductors / Low Temperature PVC Insulated / Low Temperature PVC Sheathed. 300/500V

Conductor :   Plain Annealed Copper Class 5 to BS EN 60228

Insulation: Low Temperature PVC Type TI4 to BS EN 50363-3

Sheath: Low Temperature PVC Type 10 to BS 7655-4.2

Current Ratings: For current ratings refer to table 4F3 of BS7671 IEE Wiring Regulations Seventeenth Edition.

These 'Arctic Grade' flexible cords are manufactured with a low temperature PVC insulation and sheath. They are suitable for installation and handling at temperatures down to -25°C and are cold bend tested to -40°C.

These cables are suitable for use on ELV systems (110V centre tapped) on building sites in the UK, for use with temporary traffic light systems when suitably protected, indoor use at low voltage (230V). These cables are not designed for outdoor use at voltages exceeding 110V.

Yellow sheathed flexibles are intended for use on ELV and site services etc

Blue sheathed flexibles are for intended for use on temporary traffic lights etc

STANDARD CORE COLOURS	MINIMUM OPERATING TEMPERATURE	MAXIMUM OPERATING TEMPERATURE	MINIMUM BENDING RADIUS
2 CORE 3 CORE 4 CORE 5 CORE	-40°C	60°C	6 x Ø

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Reference Number	Harmonisation Code	Nominal Cross Sectional Area of Conductor (mm²)	Nominal Stranding of Conductor (mm)	Nominal Radial Thickness of insulation (mm)	Nominal Radial Thickness of sheath (mm)	Overall Diameter Lower Limit (mm)	Overall Diameter Upper Limit (mm)	Approximate Weight (kg/km)
3182Y1.0A	NATIONAL TYPE	1.0	30/0.20	0.6	0.8	5.9	7.5	71
3183Y1.5A	NATIONAL TYPE	1.5	30/0.25	0.7	0.9	7.4	9.4	118
3183Y2.5A	NATIONAL TYPE	2.5	50/0.25	0.8	1.1	9.2	11.4	177
3183Y4.0A	NATIONAL TYPE	4.0	56/0.30	0.8	1.2	10.5	13.1	253
3184Y1.5A	NATIONAL TYPE	1.5	30/0.25	0.7	1.0	8.4	10.5	146
3184Y2.5A	NATIONAL TYPE	2.5	50/0.25	0.8	1.1	10.1	12.5	235

Weight and dimensional information is provided as an approximate guide only.