



MOG Shielded Power DC Cable 2 Conductors (300M)



Store at: -20 to +50 °C

Install at: 0 to +50 °C, **Bend minimum:** 10 times O.D.

Operate at: -40 to +90 °C, **Bend minimum:** 10 times O.D.

Design

Conductor material: stranded annealed tinned copper, Class 5 (IEC 60228). Three parallel cores to form a flat conductor.

Insulation : Flame retardant polyolefin.

Cable core : 2 conductors

Colour code : 1.Grey, 2 90C.Black

Outer shield : AL/PE laminate with braid of annealed tinned copper wires.

Outer Sheath : Black Flame retardant polyethylene

Marking : APS Finland - ww/yy - DC CABLE 2xAWG... 600V - HF IEC60332-3-24 Cat.C - lot - meter marking

Environmental properties and Fire Performances

Flame retardant : IEC 60332-1-2

Fire retardant : IEC 60332-3-24 Cat.C, UL 1685, Vertical Tray

UV resistant : ASTM-D-2565-92A, UL

Electrical characteristics

Max operating Voltage : 600V

Ordering and delivery information

Type	P/N	DC Resistance (Ω /km)	Nom. O.D [mm]	Nom. weight [kg/km]	Packaging
2 x 2.5 (2x14AWG)	O4923223	7.98	7.7 x 7.7	90	500m (+/-5%)
2 x 4 (2x12AWG)	O4923233	4.95	8.6 x 8.6	125	500m (+/-5%)
2 x 6 (2x10AWG)	O4923243	3.30	9.4 x 9.4	160	500m (+/-5%)
2 x 10 (2x8AWG)	O4923253	1.91	10.7 x 10.7	239	500m (+/-5%)
2 x 16 (2x6AWG)	O4923263	1.21	12.5 x 12.5	345	500m (+/-5%)

Other standards of reference

TFL49232_

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