

RoHS
Compliant



Application

This 4-core double-screened low capacitance motor supply cable is ideal for frequency converters. The screen protects against external interference pulses and ensures an interference-free transmission.

Characteristics

Voltage Rating	: 0.6/1kV
Test Voltage	: 4kV
Temperature Rating	: Fixed: -30°C to +80°C Flexed: -5°C to +40°C
Minimum Bending Radius	: Fixed: 7.5 × overall diameter Flexed: 15 × overall diameter

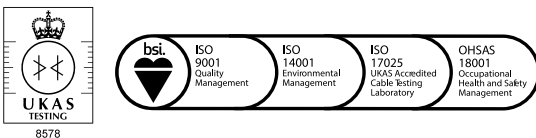
Cable Standards

IEC 60228, DIN EN 50267-2, IEC 60754-1&2
Flame Retardant according to DIN EN IEC 60332-1-2, Low Smoke Density / Halogen free according to IEC 61034-2, IEC 60754-1/2



UK Laboratory Tested

This product is subject to the Quality Assurance protocols of The Cable Lab®, a UKAS accredited ISO 17025 cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



Regulatory Compliance

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.



Construction

Conductor

Class 5 flexible plain copper wires

Insulation

XLPE (Cross-linked Polyethylene)

Separator

Aluminium Tape

Screen 1

Al/PET (Aluminium Polyester Tape)

Screen 2

TCWB (Tinned Copper Wire Braid)

Sheath

FRNC-LSZH (Flame Retardant Non Corrosive - Low Smoke Zero Halogen)

Core Identification

Green/Yellow, Brown, Black and Grey

Sheath Colour

Black

Dimensions

Part Number	No. of Cores	Nominal Cross Sectional Area mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
PP001539	4	1.5	9.8	159
PP001540		2.5	11.4	225
PP001541		4	12.7	297
PP001542		6	14.1	398

Electrical Characteristics

Nominal Cross Sectional Area mm ²	Current Carrying Capacities 30°C Continuous Loading	Maximum Resistance of Conductor at 20°C
	A	Ω/km
1.5	18	13.3
2.5	26	7.98
4	34	4.95
6	44	3.3

Part Number Table

Description	Nominal Cross Sectional Area mm ²	Reel Length	Part Number
Flexible 2XSLCH LSZH Servo Cable	1.5	50m	PP001539
	2.5		PP001540
	4		PP001541
	6		PP001542

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