

RoHS
Compliant



Application

This cable is used for connection of electrical appliances without mechanical stress at increased environmental temperatures, for example in steelworks, but also at low temperatures. Insulation and sheath are resistant to most oils, acids, lyes and oxidants. For indoor and outdoor use.

Characteristics

Nominal Voltage Uo/U	: up to 1mm ² : 300/500V Over 1mm ² : 450/750V
Temperature Range	: -60°C to +180°C
Test Voltage	: 2kV
Minimum Bending Radius	: Fixed : 3 × overall diameter Flexing: 4 × overall diameter
Core Identification	: 3 Cores: Green/Yellow, Blue, Brown 4 Cores: Green/Yellow, Brown, Black, Grey 5 Cores: Green/Yellow, Blue, Brown, Black, Grey More than 5 cores: Black numbered + Green/Yellow
Sheath Colour	: Red

Cable Standards

BS EN 60228 (previously 6360), BS EN 60332-1-2, BS EN 60754-1, BS EN 60754-2

Construction

Conductor	: Class 5 Fine Stranded Tinned Copper
Insulation	: Silicone Rubber
Sheath	: Silicone Rubber

Dimensions

Part Number	No. of Cores	Nominal Cross Sectional Area mm ²	Nominal Outer Diameter mm	Nominal Weight kg/km
PP002638	2	0.75	6.2	42
PP002639	2	1	6.5	54
PP002640	2	1.5	7.1	65
PP002641	3	0.75	6.8	66
PP002642	3	1	7.4	78
PP002643	3	1.5	8	98
PP002644	3	2.5	9.7	152
PP002645	4	0.75	7.8	84
PP002646	4	1	8	95

SiHF-J Multicore Silicon Cable



Part Number	No. of Cores	Nominal Cross Sectional Area mm ²	Nominal Outer Diameter mm	Nominal Weight kg/km
PP002647	4	1.5	8.8	122
PP002648	5	0.75	8.5	101
PP002649	5	1	8.8	116
PP002650	5	1.5	9.6	148
PP002651	7	0.75	9.6	158
PP002652	7	1.5	10.9	232

Note: Supplied in 100 meter reels or continuous length in 1 meter multiples.

Part Number Table

Description	Cable Length	Part Number
Cable, SiHF-J, 2 Core, 0.75mm ²	100m or per metre	PP002638
Cable, SiHF-J, 2 Core 1mm ²		PP002639
Cable, SiHF-J, 2 Core 1.5mm ²		PP002640
Cable, SiHF-J, 3 Core, 0.75mm ²		PP002641
Cable, SiHF-J, 3 Core, 1mm ²		PP002642
Cable, SiHF-J, 3 Core, 1.5mm ²		PP002643
Cable, SiHF-J, 3 Core, 2.5mm ²		PP002644
Cable, SiHF-J, 4 Core, 0.75mm ²		PP002645
Cable, SiHF-J, 4 Core, 1mm ²		PP002646
Cable, SiHF-J, 4 Core, 1.5mm ²		PP002647
Cable, SiHF-J, 5 Core, 0.75mm ²		PP002648
Cable, SiHF-J, 5 Core, 1mm ²		PP002649
Cable, SiHF-J, 5 Core, 1.5mm ²		PP002650
Cable, SiHF-J, 7 Core, 0.75mm ²		PP002651
Cable, SiHF-J, 7 Core, 1.5mm ²		PP002652

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