Niltox® LF 318 Multicore H05Z1Z1-F White LSHF
Technical Datasheet

Description: Multicore Cable Low Smoke Halogen Free (LSHF) Throughout. Conforming to H05Z1Z1-F & Manufactured in accordance with EN 50525-3-11

NILTOX®

CONSTRUCTION PRODUCTS REGULATION
BS EN 50575
CLASS Cca
s2, d2, a1
INDEPENDENTLY VERIFIED

Construction

Conductor Material	: Bare Copper, Class 5
Insulation Material	: Low Smoke Halogen Free (LSHF)
Sheath Material	: Low Smoke Halogen Free (LSHF)
Sheath Colour	: Black
Core Identification	: 2core – Brown, Blue 3core – Brown, Blue, Green/Yellow
	: 4core – Brown, Black, Grey, Green/Yellow
	: 5core – Brown, Black, Grey, Blue, Green/Yellow

Electrical Characteristics

Conductor Resistance	: BS EN 60228
Working Voltage	: 300/500V

Physical Characteristics

Bend Radius	: 6 x cable OD
Temperature Rating	: Flexing -5°C to +60°C

Standards

Manufactured to	: EN 50525-3-11
Flame Retardant	: EN 60332-1-2
Halogen Gas Emission	: EN 50267-2-1
Low Smoke Emission	: EN 61034-2
RoHS3 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU), CPR (305/2011)
CPR Classification	: Cca – s2, d2, a1 (EN50575:2014+A1:2016)

Part No.	Cores x mm²	Weight kg/km	OD mm
3180070200-C34	2 x 0.75	55	6.3
3180070300-C34	3 x 0.75	66	6.7
3180070400-C34	4 x 0.75	81	7.3
3180070500-C34	5 x 0.75	100	8.1
3180100200-C34	2 x 1.0	64	6.6
3180100300-C34	3 x 1.0	77	7.0
3180100400-C34	4 x 1.0	98	7.9
3180100500-C34	5 x 1.0	120	8.6
3180150200-C34	2 x 1.5	87	7.4
3180150300-C34	3 x 1.5	109	8.1
3180150400-C34	4 x 1.5	141	9.0
3180150500-C34	5 x 1.5	174	10.0

Part No.	Cores x mm²	Weight kg/km	OD mm
3180250200-C34	2 x 2.5	132	9.1
3180250300-C34	3 x 2.5	166	9.9
3180250400-C34	4 x 2.5	205	10.8
3180250500-C34	5 x 2.5	254	12.0
3180400300-C34	3 x 4.0	229	11.3
3180400400-C34	4 x 4.0	286	12.3
3180400500-C34	5 x 4.0	362	13.9

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