Niltox® LF 318 Multicore H05Z1Z1-F Black 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®

BS EN 50575 CLASS Cca s1b, d2, a1 — CONSTRUCTION PRODUCTS REGULATION — INDEPENDENTLY VERIFIED

Construction

Conductor Material	: Bare Copper, Class 5
Insulation Material	: Low Smoke Halogen Free, Type TI6 (LSHF)
Sheath Material	: Low Smoke Halogen Free, Type TM7 (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 +70°C

Standards

Manufactured to	: EN 50525-3-11, EN 50363-7, EN 50363-8
Flame Retardant	: EN 60332-1-2, EN 50265-2-1
Halogen Gas Emission	: EN 60754-1&2, EN 50267-2-1
RoHS3 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU), CPR (305/2011)
CPR Classification	: Cca – s1b, d2, a1 (EN50575:2014+A1:2016)

Part No.	Cores x mm²	Weight kg/km	OD mm
3180070200-C16	2 x 0.75	55	6.2
3180070300-C16	3 x 0.75	66	6.6
3180070400-C16	4 x 0.75	81	7.2
3180070500-C16	5 x 0.75	100	8.0
3180100200-C16	2 x 1.0	64	6.6
3180100300-C16	3 x 1.0	77	7.0
3180100400-C16	4 x 1.0	98	7.8
3180100500-C16	5 x 1.0	120	8.6
3180100600-C16	6 x 1.0	150	9.5
3180150200-C16	2 x 1.5	87	7.6
3180150300-C16	3 x 1.5	109	8.2
3180150400-C16	4 x 1.5	141	9.3
3180150500-C16	5 x 1.5	174	10.3
3180150600-C16	6 x 1.5	212	11.4

Part No.	Cores x mm²	Weight kg/km	OD mm
3180250200-C16	2 x 2.5	132	9.2
3180250300-C16	3 x 2.5	166	10.0
3180250400-C16	4 x 2.5	205	10.9
3180250500-C16	5 x 2.5	254	12.1
3180400300-C16	3 x 4.0	229	11.4
3180400400-C16	4 x 4.0	286	12.5
3180400500-C16	5 x 4.0	362	14.1

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Date: 28/11/2022
Revision: 1.1
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Page Number: 1 of 1

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