Niltox® LF 329 Dual Screened Colour Coded LSHF
Technical Datasheet

NILTOX®

Description: Multicore Dual Screened Signal & Control Cable, Low Smoke Halogen Free (LSHF) Throughout.

CONSTRUCTION PRODUCTS REGULATION
BS EN 50575
CLASS Dca
s1a, d2, a1
INDEPENDENTLY VERIFIED

Construction

Conductor Material	: Bare Copper, Class 5
Insulation Material	: Low Smoke Halogen Free (LSHF)
Overall Screen 1	: Aluminium Foil (100% Coverage)
Overall Screen 2	: Tinned Copper Wire Braid (≥ 70% Coverage)
Sheath Material	: Low Smoke Halogen Free (LSHF)
Sheath Colour	: Grey
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
Insulation Resistance	: 200 MΩ.M
Working Voltage	: 300/500V
Test Voltage (AC)	: 2000V

Physical Characteristics

Bend Radius	: Flexing 10 x OD	Static 7.5 x OD
Temperature Rating	: Flexing -15°C to +90°C	Static -25°C to +90°C

Standards

Flame Retardant	: BS EN 60332-1-2, 60332-3-24 Cat C
Low Smoke Generation	: BS EN 61034-2, UL1685
Halogen Gas Emission	: BS EN 60754-1&2
RoHS3 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU), CPR (305/2011)
CPR Classification	: Dca – s1a, d2, a1 (EN50575:2014+A1:2016)

Part No.	Cores x mm²	Weight kg/km	OD mm
32901502C-D07	2 x 1.5	72	7.7
32901503C-D07	3 x 1.5	97	8.1
32901504E-D07	4 x 1.5	114	9.0
32901505E-D07	5 x 1.5	135	10.0
32902502C-D07	2 x 2.5	123	8.8
32902503C-D07	3 x 2.5	132	9.3
32902504E-D07	4 x 2.5	152	10.1
32902505E-D07	5 x 2.5	215	11.1
32904003C-D07	3 x 4	220	11.7
32904004E-D07	4 x 4	310	13.0
32904005E-D07	5 x 4	395	13.4

Part No.	Cores x mm²	Weight kg/km	OD mm
32906003C-D07	3 x 6	325	13.2
32906004E-D07	4 x 6	360	15.5
32906005E-D07	5 x 6	520	16.2
32910003C-D07	3 x 10	450	16.8
32910004E-D07	4 x 10	790	18.5
32910005E-D07	5 x 10	920	20.8
32916003C-D07	3 x 16	690	19.0
32916004E-D07	4 x 16	1300	22.7
32916005E-D07	5 x 16	2200	25.3

Part No.	Cores x mm²	Weight kg/km	OD mm
32925003C-D07	3 x 25	1450	23.3
32925004E-D07	4 x 25	1950	26.4
32925005E-D07	5 x 25	2450	29.5
32935003C-D07	3 x 35	2000	25.9
32935004E-D07	4 x 35	2575	30.5
32935005E-D07	5 x 35	3200	34.0

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