Niltox® LF 319 Colour Coded LSHF
Technical Datasheet

Description: Multicore Signal & Control Cable Unscreened, Low Smoke Halogen Free Throughout.

NILTOX®

CONSTRUCTION PRODUCTS REGULATION
BS EN 50575
CLASS Dca
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	: 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 15 x OD	Static 7.5 x OD
Temperature Rating	: Flexing -15°C to +90°C	Static -20°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 – s2, d2, a1 (EN50575:2014+A1:2016)

Part No.	Cores x mm²	Weight kg/km	OD mm
31901502C-D34	2 x 1.5	73	6.8
31901503C-D34	3 x 1.5	78	7.3
31901504E-D34	4 x 1.5	105	8.0
31901505E-D34	5 x 1.5	133	9.0
31902502C-D34	2 x 2.5	94	7.7
31902503C-D34	3 x 2.5	123	8.4
31902504E-D34	4 x 2.5	158	9.3
31902505E-D34	5 x 2.5	192	10.1
31904003C-D34	3 x 4	185	10.4
31904004E-D34	4 x 4	198	11.6
31904005E-D34	5 x 4	270	13.3
31906003C-D34	3 X 6	260	11.9
31906004E-D34	4 X 6	285	13.5
31906005E-D34	5 X 6	420	14.7

Part No.	Cores x mm²	Weight kg/km	OD mm
31910003C-D34	3 x 10	550	15.1
31910004E-D34	4 x 10	710	17.4
31910005E-D34	5 x 10	875	19.3
31916003C-D34	3 x 16	850	17.8
31916004E-D34	4 x 16	1050	21.9
31916005E-D34	5 x 16	1300	24.5
31925003C-D34	3 x 25	1150	22.6
31925004E-D34	4 x 25	1600	26.6
31925005E-D34	5 x 25	2100	29.5
31935003C-D34	3 x 35	1600	25.5
31935004E-D34	4 x 35	2210	33.4
31935005E-D34	5 x 35	2700	37.0
31950003C-D34	3 x 50	2600	30.0
31950004E-D34	4 x 50	3100	37.8
31950005E-D34	5 x 50	4000	42.9

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