Niltox® LF 349 Steel Braided LSHF
Technical Datasheet

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

NILTOX®

Construction

Conductor Material	: Bare Copper, Class 5
Insulation Material	: Low Smoke Halogen Free (LSHF)
Bedding Material	: Low Smoke Halogen Free (LSHF)
Bedding Colour	: Grey
Overall Armour	: Galvanised Steel Wire Braid (≥75% Coverage)
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
	: 7core & Above – Number Coded + 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 -5°C to +90°C Static -25°C to +90°C

Standards

Flame Retardant	: BS EN 60332-1-2
Low Smoke Generation	: BS EN 61034-2
Halogen Gas Emission	: BS EN 60754-1&2
RoHS3 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU)

Part No.	Cores x mm²	Weight kg/km	OD mm
34901502C	2 x 1.5	108	8.8
34901503C	3 x 1.5	131	9.6
34901504C	4 x 1.5	163	10.4
34901505C	5 x 1.5	188	11.7
34901507	7 x 1.5	239	12.3
34902502C	2 x 2.5	152	9.9
34902503C	3 x 2.5	185	11.1
34902504C	4 x 2.5	235	12.6

Part No.	Cores x mm²	Weight kg/km	OD mm
34904003C	3 x 4.0	280	12.3
34904004C	4 x 4.0	330	13.1
34904005C	5 x 4.0	462	15.5
34906003C	3 x 6.0	391	14.7
34906004C	4 x 6.0	498	16.7
34906005C	5 x 6.0	620	18.2
34910003C	3 x 10	610	17.5
34910004C	4 x 10	771	19.4
34910005C	5 x 10	928	21.7

Part No.	Cores x mm²	Weight kg/km	OD mm
34916003C	3 x 16	995	20.5
34916004C	4 x 16	1081	22.7
34916005C	5 x 16	1225	24.9

FS Cables Ltd
Export Sales
01727 840 841
+44 1727 849 841
sales@fscables.com
sales@fscglobal.com
www.fscables.com
www.fscglobal.com

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