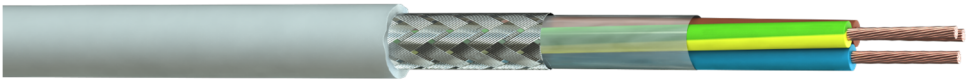
LiYCY Multicore Braid Screened Colour Coded PVC
Technical Datasheet

Description: Multicore Signal & Control Cable with Tinned Copper Wire Braid, Polyvinyl Chloride (PVC) Grey Sheath.



CONSTRUCTION PRODUCTS REGULATION
BS EN 50575
CLASS Eca
INDEPENDENTLY VERIFIED

Construction

Conductor Material	: Bare Copper, Class 5
Insulation Material	: Polyvinyl Chloride (PVC)
Overall Screen	: Tinned Copper Wire Braid (≥ 70% Coverage)
Sheath Material	: Polyvinyl Chloride (PVC)
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 10 x OD
Temperature Rating	: Flexing -5°C to +70°C Static -20°C to +70°C

Standards

Flame Retardant	: BS EN 60332-1-2
RoHS3 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU), CPR (305/2011)
CPR Classification	: Eca (EN50575:2014+A1:2016)

Part No.	Cores x mm²	Weight kg/km	OD mm
32000702C-E00	2 x 0.75	56	5.9
32000703C-E00	3 x 0.75	70	6.2
32000704E-E00	4 x 0.75	95	6.7
32000705E-E00	5 x 0.75	130	7.5
32001002C-E00	2 x 1.0	84	6.2
32001003C-E00	3 x 1.0	110	6.5
32001004E-E00	4 x 1.0	130	7.2
32001005E-E00	5 x 1.0	156	8.1

Part No.	Cores x mm²	Weight kg/km	OD mm
32001502C-E00	2 x 1.5	97	7.5
32001503C-E00	3 x 1.5	125	7.9
32001504E-E00	4 x 1.5	165	8.8
32001505E-E00	5 x 1.5	193	9.1
32002502C-E00	2 x 2.5	148	8.6
32002503C-E00	3 x 2.5	188	9.1
32002504E-E00	4 x 2.5	236	9.9
32002505E-E00	5 x 2.5	270	11.0

Part No.	Cores x mm²	Weight kg/km	OD mm
32004003C-E00	3 x 4.0	250	10.4
32004004E-E00	4 x 4.0	302	11.6
32004005E-E00	5 x 4.0	370	12.9
32006003C-E00	3 x 6.0	285	13.1
32006004E-E00	4 x 6.0	412	14.2
32006005E-E00	5 x 6.0	505	15.5
32010004E-E00	4 x 10	620	17.5
32010005E-E00	5 x 10	796	19.7
32016004E-E00	4 x 16	1090	20.5
32016005E-E00	5 x 16	2070	22.4

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