YY Multicore Colour Coded PVC
Technical Datasheet

Description: Multicore Signal & Control Cable Unscreened, 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)
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 10 x OD
	Static 7.5 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
10000702C-E00	2 x 0.75	41	5.2
10000703C-E00	3 x 0.75	54	5.7
10000704E-E00	4 x 0.75	58	6.1
10000705E-E00	5 x 0.75	69	6.7
10001002C-E00	2 x 1.0	50	5.5
10001003C-E00	3 x 1.0	60	5.9
10001004E-E00	4 x 1.0	63	6.6
10001005E-E00	5 x 1.0	81	7.1
10001502C-E00	2 x 1.5	64	6.2
10001503C-E00	3 x 1.5	80	6.6
10001504E-E00	4 x 1.5	99	7.3
10001505E-E00	5 x 1.5	112	7.9
10002502C-E00	2 x 2.5	96	7.6
10002503C-E00	3 x 2.5	125	8.0
10002504E-E00	4 x 2.5	152	8.8
10002505E-E00	5 x 2.5	173	9.8

Part No.	Cores x mm²	Weight kg/km	OD mm
10004003C-E00	3 x 4.0	182	9.7
10004004E-E00	4 x 4.0	235	10.6
10004005E-E00	5 x 4.0	276	11.8
10006003C-E00	3 x 6.0	273	11.8
10006004E-E00	4 x 6.0	337	12.8
10006005E-E00	5 x 6.0	407	14.3
10010003C-E00	3 x 10	471	14.5
10010004E-E00	4 x 10	532	15.8
10010005E-E00	5 x 10	675	17.9
10016004E-E00	4 x 16	849	19.2
10016005E-E00	5 x 16	1053	21.3
10025004E-E00	4 x 25	1275	23.3
10025005E-E00	5 x 25	1580	25.9
10035004E-E00	4 x 35	1686	27.3
10035005E-E00	5 x 35	2106	29.6

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