

Description: 7/0.2mm Def-Stan Multicore Foil Screened LSHF Cable



Construction

Conductor Material : Tinned Copper, 7/0.2mm
 Conductor Insulation : Low Smoke Halogen Free (LSHF)
 Overall Tape : Polyester
 Drain Wire : Tinned Copper, 7/0.2mm
 Overall Screen : Aluminium/Polyester Tape
 Outer Sheath Material : Low Smoke Halogen Free (LSHF)
 Outer Sheath Colour : Black

Core Identification

1	Red	7	Brown	13	Red/Blue	19	Yellow/Blue	25	Yellow/Green	31	White/Brown
2	Blue	8	Violet	14	Green/Red	20	White/Blue	26	White/Green^	32	Brown/Black
3	Green	9	Orange	15	Yellow/Red	21	Blue/Black	27	Green/Black	33	Grey/Brown
4	Yellow	10	Pink	16	White/Red	22	Orange/Blue	28	Orange/Green^	34	Yellow/Violet
5	White	11	Turquoise	17	Red/Black	23	Green/Blue*	29	Grey/Green	35	Violet/Black
6	Black	12	Grey	18	Red/Brown	24	Grey/Blue*	30	Yellow/Brown	36	White/Violet

Note the colour code of 25 core cables has core colours 23 & 24* replaced with 26 and 28^. For cables containing 50 or more cores each layer shall consist of a RED core and a BLUE core laid-up adjacent to each other the remainder of the cores in the layer being WHITE. 50 and 108 core cables shall have a centre consisting of a RED, a BLUE and a WHITE core

Electrical Characteristics

Nominal Conductor Resistance : < 92 Ω/km
 Insulation Resistance : > 200 MΩ.M
 Voltage Rating : 440V rms up to 1600 MHz
 Test Voltage : 2.5kV for 5 Minutes
 Current Rating : 1.0 amp

Physical Characteristics

Min. Bend Radius : 7.5 x OD
 Temperature Rating : 0°C to 70°C
 Weight : See table

Standards

Low Smoke Generation : EN 61034-2
 Halogen Gas Emission : EN 60754-1&2
 RoHS2 Compliant : Yes
 CE Compliant : LVD (2006/95/EC)
 Generally to : Def Stan 16-12 Part 4

Part No.	Size	No. of Cores	Weight (kg/km)	O/D (mm)	Part No.	Size	No. of Cores	Weight (kg/km)	O/D (mm)
39400202H	7-2-2S	2	23	3.7	39400208H	7-2-8S	8	60	5.7
39400203H	7-2-3S	3	28	4.0	39400212H	7-2-12S	12	79	6.2
39400204H	7-2-4S	4	31	4.1	39400218H	7-2-18S	18	103	7.9
39400206H	7-2-6S	6	52	4.8	39400225H	7-2-25S	25	141	8.8