

Description: 16/0.2mm Def-Stan Multicore Type S Foil Screen, LSHF Cable



Construction

Conductor Material : Tinned Copper, 16/0.2mm
 Conductor Insulation : Low Smoke Halogen Free (LSHF)
 Overall Tape : Polyester
 Drain Wire : Tinned Copper, 7/0.2mm
 Overall Screen : Aluminium Foil (100% Coverage)
 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[^].

Electrical Characteristics

Nominal Conductor Resistance @ 20°C : < 40.1 Ω/km
 Insulation Resistance : > 200 MΩ.M
 Voltage Rating : 440V rms up to 1600 MHz
 Test Voltage : 2.5kV for 5 Minutes
 Current Rating : 2.5 amps



Physical Characteristics

Overall Diameter : See Table
 Min. Bend Radius : 7.5 x OD
 Temperature Rating : -20°C to 70°C
 Weight : See Table

Standards

Flame Retardant : BS EN 60332-1-2
 Low Smoke Generation : BS EN 61034-2
 Halogen Gas Emission : BS EN 60754-1&2
 RoHS Compliant : Yes
 CE Compliant : LVD (2014/35/EU), CPR (305/2011)
 CPR Classification : Eca (EN50575:2014+A1:2016)
 Generally Manufactured to : Def Stan 61-12 Part 5
 UV & Weather Resistant : ISO 4892-3 (Subject to manufacturer)

Part No.	Size	No. of Cores	Weight kg/km	O/D mm	Part No.	Size	No. of Cores	Weight kg/km	O/D mm
39400502H-E00	16-2-2S	2	47	5.2	39400512H-E00	16-2-12S	12	132	9.7
39400504H-E00	16-2-4S	4	61	6.3	39400518H-E00	16-2-18S	18	198	12.0
39400506H-E00	16-2-6S	6	75	7.6	39400525H-E00	16-2-25S	25	269	14.1
39400508H-E00	16-2-8S	8	89	8.5	39400536H-E00	16-2-36S	36	387	15.9