

**Description:** 16/0.2mm Def-Stan Multicore Type A Unscreened, LSHF Cable



### Construction

Conductor Material : Tinned Copper, 16/0.2mm  
 Conductor Insulation : Low Smoke Halogen Free (LSHF)  
 Overall Tape : Polyester  
 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 <sup>^</sup>	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 <sup>^</sup>	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<sup>^</sup>.

### 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
39200502H-E00	16-2-2A	2	35	5.5	39200512H-E00	16-2-12A	12	120	10.1
39200503H-E00	16-2-3A	3	42	6.2	39200518H-E00	16-2-18A	18	180	11.0
39200504H-E00	16-2-4A	4	54	6.8	39200525H-E00	16-2-25A	25	265	13.2
39200506H-E00	16-2-6A	6	76	7.9	39200536H-E00	16-2-36A	36	341	14.1
39200508H-E00	16-2-8A	8	88	8.6					