

# Multi-core Unscreened 16×0.2 Def. Stan 61.12 Part 5



## B3 CABLE SOLUTIONS

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### Product Description

<b>Application:</b>	
Multi-conductor - Audio, Control.& Instrumentation Cables.	
<b>Multi-construction</b>	
<b>Construction</b>	
<b>Conductor</b>	Tinned Copper
Construction	T0.20±0.008×16
Stranded Dia. (mm)	0.92
<b>Insulation</b>	PVC
Thickness	0.44
Insulation Dia. (±0.1mm)	See Table 1
Insulation colour	See Table 1
<b>Maylar Spiral</b>	Coverage≥125%
<b>ID Thread</b>	Green/White, Blue, Year Thread
<b>Nylon rip cord</b>	150D
<b>Jacket</b>	FR-PVC
Thickness (mm)	≥0.7
Dia. (mm)	See Table 2
Jacket colour	Black
<b>Marking</b>	
According to Def. Stan 61.12 Part 5	

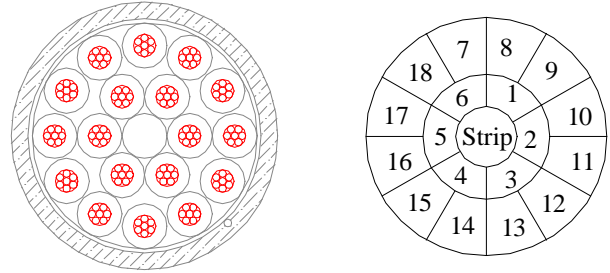
### RoHS COMPLIANCE

#### RoHS GUIDELINE

We operate according to the following standards

Control Item	Standard	Testing Method	Testing Equipment
Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
Lead content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls (PBB)	Forbidden	GC/MS	
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MC	

## Design : 18 Core Unscreened 16×0.2mm



### Electrical Characteristics

Max. Conductor DC Resistance at 20°C (Ω/km)	<37.7
Rated Temperature (°C)	-20 to +80
Rated Voltage (V)	300
20°C Insulation Resistance (MΩ.km)	> 200

Table 1

Core Number	Colour	Core Number	Colour
1	Red	19	YELLOW/Blue
2	Blue	20	WHITE/Blue
3	Green	21	BLUE/Black
4	Yellow	22	ORANGE/Blue
5	White	23	GREEN/Blue
6	Black	24	GREY/Blue
7	Brown	25	YELLOW/Green
8	Violet	26	WHITE/Green
9	Orange	27	GREEN/Black
10	Pink	28	ORANGE/Green
11	Turquoise	29	GREY/Green
12	Grey	30	YELLOW/Brown
13	RED/Blue	31	WHITE/Brown
14	GREEN/Red	32	BROWN/Black
15	YELLOW/Red	33	GREY/Brown
16	WHITE/Red	34	YELLOW/Violet
17	RED/Black	35	VIOLET/Black
18	RED/Brown	36	WHITE/Violet

Table 2

Layer Make-Up - Number of Cores, Colour of Cores and Rotation within layers

Product Code	No. of Cores	Centre (RH Lay)	Layer Make-Up			Overall Diameter	Length on Reel (m)
			1st Layer (LH Lay)	2nd Layer (RH Lay)	3rd Layer (LH Lay)		
BZZ4826137V025	2	-----	2 (1 and 2)	-----	-----	5.5±0.2 mm	25
BZZ4826143V100	2	-----	2 (1 and 2)	-----	-----	5.5±0.2 mm	100
BZZ4826159V025	3	-----	3 (1 to 3)	-----	-----	5.8±0.2 mm	25
BZZ4826165V100	3	-----	3 (1 to 3)	-----	-----	5.8±0.2 mm	100
BZZ4826171V025	4	-----	4 (1 to 4)	-----	-----	6.3±0.2 mm	25
BZZ4826187V100	4	-----	4 (1 to 4)	-----	-----	6.3±0.2 mm	100
BZZ4826193V025	6	Dummy(1.2 PVC)	6 (1 to 6)	-----	-----	7.3±0.25 mm	25
BZZ5345516V100	6	Dummy(1.2 PVC)	6 (1 to 6)	-----	-----	7.3±0.25 mm	100
BZZ4826216V025	12	3 (1 to 3)	9 (4 to 12)	-----	-----	9.5±0.3 mm	25
BZZ4826222V100	12	3 (1 to 3)	9 (4 to 12)	-----	-----	9.5±0.3 mm	100
BZZ4826238V025	18	Dummy(1.8 PVC)	6 (1 to 6)	12 (7 to 18)	-----	11.0±0.3 mm	25
BZZ4826244V100	18	Dummy(1.8 PVC)	6 (1 to 6)	12 (7 to 18)	-----	11.0±0.3 mm	100

### Revision History

### Page(s)

### Date of Issue

A0-1

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21/03/2009