

Multi-core Screened 7×0.1 Def. Stan 61.12 Part 4 & 5



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Product Description

Application:

Multi-conductor - Audio, Control.& Instrumentation Cables.

Multi-construction

Construction

Conductor Tinned Copper

Construction T0.10±0.005 x 7

Stranded Dia. (mm) 0.30

Insulation PVC

Thickness 0.20

Insulation Dia. (±0.05mm) 0.70

Insulation colour **See Table 1**

Maylar Spiral Coverage ≥ 125%

Braid Shield Tinned Copper

Construction(mm) **See Table 2**

Coverage Area(%) 91%

ID Thread Green/White, Blue, Year Thread

Nylon rip cord 150D

Jacket FR-PVC

Thickness(mm) ≥ 0.30

Dia.(mm) **See Table 2**

Jacket colour Black

Marking

According to Def. Stan 61.12 Parts 4 & 5

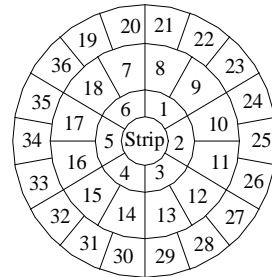
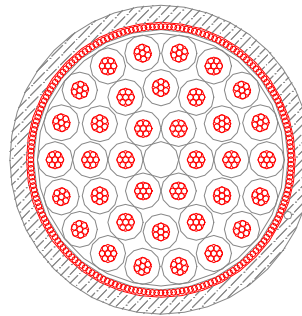
RoHS COMPLIANCE

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 : 36C SCR 7×0.1 Defstan



Electrical Characteristics

Max. Conductor DC Resistance at 20°C (Ω/km)	<345
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	Layer Make-Up - Number of Cores, Colour of Cores and Rotation within layers				Length on Reel		
		Centre (RH Lay)	1 st Layer (LH Lay)	2 nd Layer (RH Lay)	3 rd Layer (LH Lay)			
BZZ4825285V025	4	-----	4 (1 to 4)	-----	T0.1x16x5	3.2±0.2 mm	25	
BZZ4825291V100	4	-----	4 (1 to 4)	-----	T0.1x16x5	3.2±0.2 mm	100	
BZZ4825308V500	4	-----	4 (1 to 4)	-----	T0.1x16x5	3.2±0.2 mm	500	
BZZ4825320V025	6	Dummy(0.7 PVC)	6 (1 to 6)	-----	T0.10x16x6	3.6±0.2 mm	25	
BZZ4825336V100	6	Dummy(0.7 PVC)	6 (1 to 6)	-----	T0.10x16x6	3.6±0.2 mm	100	
BZZ4825342V500	6	Dummy(0.7 PVC)	6 (1 to 6)	-----	T0.10x16x6	3.6±0.2 mm	500	
BZZ4825358V025	9	Dummy(1.3 PVC)	9 (1 to 9)	-----	T0.10x16x8	4.2±0.2 mm	25	
BZZ4825364V100	9	Dummy(1.3 PVC)	9 (1 to 9)	-----	T0.10x16x8	4.2±0.2 mm	100	
BZZ4825370V025	15	4 (1 to 4)	11 (5 to 15)	-----	T0.15x16x6	5.2±0.2 mm	25	
BZZ4825386V100	15	4 (1 to 4)	11 (5 to 15)	-----	T0.15x16x6	5.2±0.2 mm	100	
BZZ4825392V025	25	3 (1 to 3)	8 (4 to 11)	14(12 to 22,25,26and 28)	T0.15x16x8	6.3±0.2 mm	25	
BZZ4825409V100	25	3 (1 to 3)	8 (4 to 11)	14(12 to 22,25,26and 28)	T0.15x16x8	6.3±0.2 mm	100	
BZZ4825415V025	36	Dummy(0.7 PVC)	6 (1 to 6)	12 (7 to 18)	18 (19 to 36)	T0.15x16x8	6.9±0.25 mm	25
BZZ4825421V100	36	Dummy(0.7 PVC)	6 (1 to 6)	12 (7 to 18)	18 (19 to 36)	T0.15x16x8	6.9±0.25 mm	100
BZZ4825443V100	50	3 (1 to 3)	9 (4 to 12)	16 (13 to 28)	22 (29 to 50)	T0.15x16x8	8.0±0.3 mm	100

Revision History

Page(s)

Date of Issue

A0-1

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21/03/2009