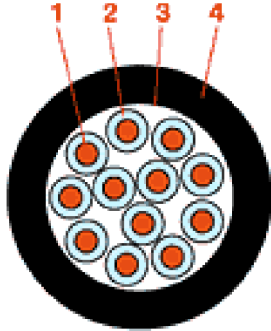


Def Stan Type A Unscreened



- 1 - 16/0.2mm tinned annealed copper conductor
- 2 - Type TII1 PVC insulation to BS 7655, nominal thickness 0.45mm
- 3 - Polyester binder tape
- 4 - Type 6 PVC sheath black to BS 7655

Defence Standard multi-core to 61 - 12 Part 5

Physical Data - Type A

Cable	Cores	Stranding	Nom Insulation Thickness	Core Diameter		Overall Diameter	
				Min	Max	Min	Max
16-2-2A	2	16/0.2	0.45	1.75	1.90	5.1	5.9
16-2-3A	3	16/0.2	0.45	1.75	1.90	5.4	6.2
16-2-4A	4	16/0.2	0.45	1.75	1.90	5.9	6.7
16-2-6A	6	16/0.2	0.45	1.75	1.90	6.9	7.7
16-2-8A	8*	16/0.2	0.45	1.75	1.90	8.1	8.9
16-2-12A	12	16/0.2	0.45	1.75	1.90	9.1	9.9
16-2-18A	18	16/0.2	0.45	1.75	1.90	10.5	11.5
16-2-25A	25	16/0.2	0.45	1.75	1.90	12.6	13.6

NOTE: Cable marked * is a type which is not actually listed in Def Stan 61-12 (Part 5). However, it is included because of its suitability and popularity in certain electronic applications. It is manufactured in keeping with similar cables in the Defence Standard.

Technical Data

Maximum conductor temp: + 70°C

Minimum ambient temp: -55°C after installation and only when cable is in a fixed position

Current rating: maximum of 2.5A per core

Maximum working voltage: 440V r.m.s at frequencies up to 1600Hz

Test voltage: 2kV r.m.s. between conductors and between conductors and screen, where applicable

Maximum conductor resistance: 40.1Ω/km at 20°C

Minimum insulation resistance: 11 MΩ.Km at 20°C

Spread of flame: BS EN 50265-2-1: Part 1, HD405-1, IEC 332-1

Defence Standard Multi-core to 61-12 Part 5

Identification

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

Cable ref 16-2-10C is constructed as a 5 Pair cable with the following colour coding

Pair No	Colour
1	white & Blue
2	White & Orange
3	White & Green
4	White & Brown
5	White & Grey

NOTE: For bi-coloured cores the base colour is shown in capitals. Cables with more than 36 cores have a Red and a Blue core layed adjacent to one another in each layer, the remainder of the cores being white.