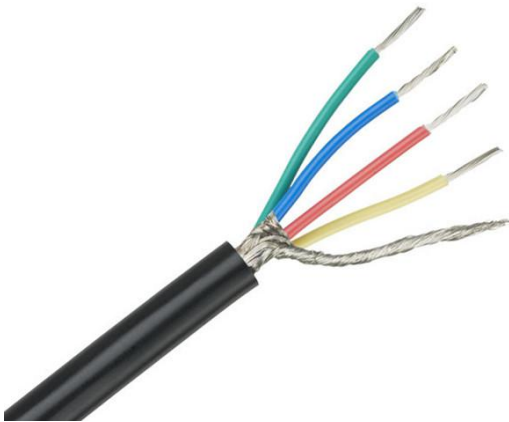


## 16-2-xxA & 16-2-xxC Series

Defence Standard 61-12 Part 5



### Technical Data

**Maximum conductor temperature**

: +70°C.

**Minimum ambient temperature**

55°C after installation and only when cable is in a fixed position.

**Current rating**

Maximum of 2.5A per core.

**Maximum working voltage (U<sub>0</sub>/U)**

(U<sub>0</sub>/U) 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**

11MΩ/Km at 20°C.

**Conductor area**

0.5mm<sup>2</sup> per core.

**Spread of flame**

BS EN 50265-2-1 : Part 1 HD 405-1, IEC 332-1

### Applications

These cables are suitable as interconnections between and within instruments and electrical equipment for such applications as data transmission and process control.

### DEF STAN 61-12 Part 5

#### Type A Unscreened

##### Construction

- 16/0.2mm (0.5mm<sup>2</sup>) tinned annealed copper conductor.
- Type 16-2-A PVC sheathed overall to BS 6746 having the colours listed in the 'Identification' table.
- PVC insulated, Polyester binder tape.

### DEF STAN 61-12 Part 5

#### Type C Screened

##### Construction

- 16/0.2mm(0.5mm<sup>2</sup>) tinned annealed copper conductors.
- PVC insulated, Polyester binder tape, tinned copper braid screened overall.

### DEF STAN 61-12 Part 5 - Screened

#### Specifications:

## PHYSICAL DATA

Cable Reference	Number of Cores	Nominal Diameter	Reel Length (m)	Type	Part Number
16-2-1C	1	3.8	100	Screened	860038 100M
16-2-2C	2	6.9	25		860008
			100		860008 100M
16-2-3C	3	7.2	25		860155 25M
			100		860155 100M
16-2-4C	4	7.7	25		860009
			100		860009 100M
16-2-6C	6	8.7	25		860010
			100		860010 100M
16-2-8C	8	9.2	25		860011 25M
			100		860011 100M
16-2-12C	12	11	25		860012 25M
			100		860012 100M
16-2-18C	18	12.5	25		MCCP-1620T-N18C-AXX-61
			100		MCCP-1620T-N18C-AXX-64
16-2-25C	25	14.6	25		MCCP-1620T-N25C-AXX-61
			100		7001551
16-2-2A	2	5.5	25		850009
			100		850009 100M
16-2-3A	3	5.8	25		850038
			100	850038	
16-2-4A	4	6.3	25	850010	
			100	850010 100M	
16-2-6A	6	7.3	25	850011	
			100	850011 100M	
16-2-8A	8	8.5	25	850077 25M	
			100	850077	
16-2-12A	12	9.5	25	850013	
			100	850013 100M	
16-2-18A	18	11.1	25	850014	
			100	7001562	
16-2-25A	25	13.1	25	850015	
			100	850015 100M	

Dimensions: Millimetres (Unless Specified)

## CORE IDENTIFICATION

NO.OF CORES	CORE ID	NO.OF CORES	CORE ID	NO.OF CORES	CORE ID
1	RED	13	RED/Blue	25	YELLOW/Green
2	BLUE	14	GREEN/Red	26	WHITE/Green
3	GREEN	15	YELLOW/Red	27	GREEN/Black
4	YELLOW	16	WHITE/Red	28	ORANGE/Green
5	WHITE	17	RED/Black	29	GREY/Green
6	BLACK	18	RED/Brown	30	YELLOW/Brown
7	BROWN	19	YELLOW/Blue	31	WHITE/Brown
8	VIOLET	20	WHITE/Blue	32	BROWN/Black
9	ORANGE	21	BLUE/Black	33	GREY/Brown
10	PINK	22	ORANGE/Blue	34	YELLOW/Violet
11	TURQUOISE	23	GREEN/Blue	35	VIOLET/Black
12	GREY	24	GREY/Blue	36	WHITE/Violet