

# Multicore Cables

## Standard - Screened



### Features:

- This ministry of defence standard details requirements of small multicore cables having PVC and polyethylene insulated cores, with or without screening, and a PVC sheath. Cables to this standard are intended for use in similar applications to those detailed in DEF STAN 61 - 12 (Part 4)
- AS in DEF STAN 61 - 12 (Part 4), none of the cables listed in this standard are intended to be used as power cables or for the direct connection of equipment to mains power supplies
- Low tension (LT) cores, which is 16 / 0.2 mm and having PVC insulation
- Low tension cores are suitable for operation at voltage up to 440 V (rms) and frequencies up to 1,600 Hz
- The cables having PVC insulation and sheath can be offered with either general purpose or heat resisting grades of PVC  
The standard types are suitable for a maximum (conductor) operating temperature of 70°C, whilst those manufactured with heat resisting PVC are suitable for a maximum (conductor) operating temperature of 85°C

### Specifications:

Voltage Rating	: 440 V (RMS)
Maximum Current Per Core	: 2.5 A
Maximum Operating Temperature	: 70°C
Sheath colour	: Grey
Conductor Composition	: 16 / 0.2 mm
Conductor Area	: 0.5 mm <sup>2</sup> per core
Conductor Resistance at 20°C	: 40.1 Ω / km

### Specification Table

Number of Cores	Nominal Diameter	Length (m)	Part Number
4	7.3	25	7001563
		100	7000120
6	8.3	25	7002024
		100	7001799
12	11	25	7000123
		100	7001414
18	12	100	MCCP-1620T-N18C-EXX-64

Dimensions : Millimetres (Unless specified)

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