

Multicore Cables

Sub Miniature - Screened

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Features:

These standard, sub-miniature cables are manufactured to Ministry of Defence, Defence standard 61-12 Part 4 (for sub-miniature sizes).

The cores have tinned conductors of high conductivity annealed copper insulated with PVC compound to BS6746 type 2. The screen is of braid construction conductivity tinned annealed copper wire. The fill factor of density of braid as defined in Def 61-12 parts 4 is not less than 0.70 for C type.

These multicore flexible cables are designed for high density wiring between components and within instruments and electronic equipment. They are extensively used in aircraft, avionic control systems, computers, data processors, process control systems, military vehicles and ancillary military equipment. Because of the mechanical design of these cables they should not be used for direct connection of equipment to mains power supplies.

Technical Specifications:

Voltage rating	: 250V (RMS).
Maximum current per core	: 0.25A.
Conductor area	: 0.055mm ² per core.
Maximum operating temperature	: 70°C.
Sheath colour	: Grey.
Nominal Insulation radial thickness on core	: 0.2mm.
Nominal core resistance	: 348Ω/Km, 20°C.

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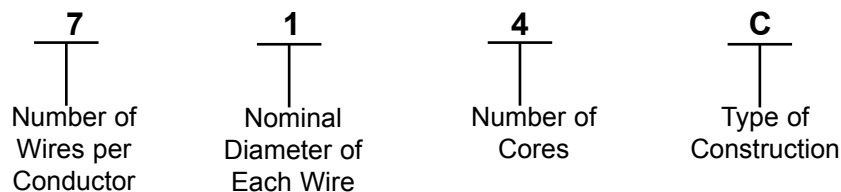
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Specification Table

Number of Cores	Nominal Diameter		Length (m)	Type	Part Number
	Minimum	Maximum			
4	2.9	3.4	25	7-1-4C	711342
			100		860173 100M
6	3.3	3.8	25	7-1-6C	711366
			100		711378
9	4.0	4.4	25	7-1-9C	711380
			100		711391
15	5.0	5.4	25	7-1-15C	860183
			100		860183
25	6.0	6.6	25	7-1-25C	860128
			100		711433

Dimensions : Millimetres (Unless Specified)

Type No Explanation



Nominal Diameter of Each Wire : 1 = 0.10mm.

Number of Cores : 4, 6, 9, 15 and 25.

Type of Construction : C = Tinned Conductors Insulated with PVC to BS6746 Type 2, collectively screened braid construction using tinned, annealed copper wire. Fill factor of density of braid not to be less than 0.70 overall sheathed with PVC to BS6746 type 6.

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Notes:

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