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Cable Specification

C10-3xxxP/BK – Multicore Braid Screened Defence Standard Cable
Cable generally to Defence Standard 61-12 Part 5 for interconnection wiring
between electronic equipment.

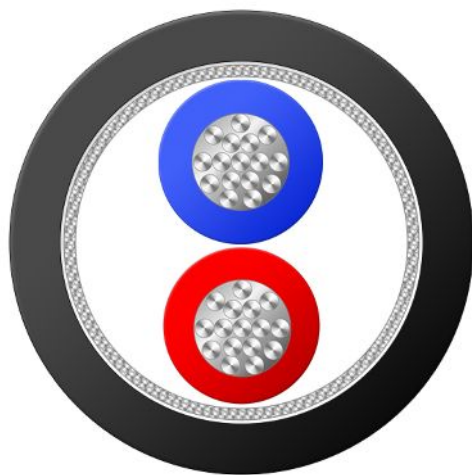


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Mechanical Characteristics

Operating Temperature (°C): -15 to +80

Electrical Characteristics at 20°C

Max. Conductor DC Resistance (Ω/km):	40.1
Min. Insulation DC Resistance (MΩ*m):	110
Max. Core Current (A)	2.5
Rated Voltage (V):	440

(Not suitable for direct connection to mains power supply).

Compliance

RoHS II Directive (2011/65/EU & 2015/863)
REACH (1907/2006)

Part Options

C10-3002P/BK	2 Core Braid Screened Black PVC
C10-3003P/BK	3 Core Braid Screened Black PVC
C10-3004P/BK	4 Core Braid Screened Black PVC
C10-3006P/BK	6 Core Braid Screened Black PVC
C10-3008P/BK	8 Core Braid Screened Black PVC
C10-3012P/BK	12 Core Braid Screened Black PVC
C10-3018P/BK	18 Core Braid Screened Black PVC
C10-3025P/BK	25 Core Braid Screened Black PVC
C10-3036P/BK	36 Core Braid Screened Black PVC

LSF and LSZH sheath options available on request.

Higher core counts available on request.

Construction

Conductor

Material: Tinned Copper
Construction: 16/0.20mm (22 AWG)

Insulation

Material: Polyvinyl Chloride
Diameter: 1.80mm
Colour Code:

Core 1	Red	Core 19	Yellow/Blue
Core 2	Blue	Core 20	White/Blue
Core 3	Green	Core 21	Blue/Black
Core 4	Yellow	Core 22	Orange/Blue
Core 5	White	Core 23	Green/Blue*
Core 6	Black	Core 24	Grey/Blue*
Core 7	Brown	Core 25	Yellow/Green
Core 8	Violet	Core 26	White/Green
Core 9	Orange	Core 27	Green/Black
Core 10	Pink	Core 28	Orange/Green
Core 11	Turquoise	Core 29	Grey/Green
Core 12	Grey	Core 30	Yellow/Brown
Core 13	Red/Blue	Core 31	White/Brown
Core 14	Green/Red	Core 32	Brown/Black
Core 15	Yellow/Red	Core 33	Grey/Brown
Core 16	White/Red	Core 34	Yellow/Violet
Core 17	Red/Black	Core 35	Violet/Black
Core 18	Red/Brown	Core 36	White/Violet

*On 25 core cables colour code of cores 23 & 24 may be substituted with colour code of cores 26 & 28 (dependant on manufacturer).

Screen

Material: Tinned Copper
Coverage: 70%

Sheath

Material:	Polyvinyl Chloride	
Diameter:	Min	Max
2 Core	6.10mm	6.90mm
3 Core	6.40mm	7.20mm
4 Core	6.90mm	7.70mm
6 Core	7.90mm	8.70mm
8 Core	8.40mm	9.20mm
12 Core	10.00mm	11.00mm
18 Core	11.50mm	12.50mm
25 Core	13.60mm	14.60mm
36 Core	15.50mm	16.70mm

Important:

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