

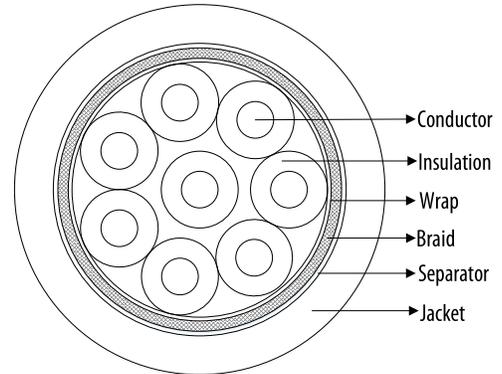
0.5mm² 8C Screened Multicore Cable

Defence Standard 61-12 Part 5 16-2-8C



PRODUCT DATA SHEET

This screened multicore cable is manufactured to Defence Standard 61-12 Part 5 and is designed for high density wiring between components and within instruments and electronic equipment. It is not to be used for the direct connection to Mains Power Supplies.



Design Number 10297
Part Number 32051856
Customer Number N/A

Color Code: Red, Blue, Green, Yellow, White, Black, Brown, Violet

CONSTRUCTION

Conductor: Stranded tinned copper
Conductor Size: 0.5mm²(16/0.20mm)
Insulation Material: PVC
Insulation Thickness: 0.45mm (Nom.)
Insulated Diameter: 1.83mm (Nom.)
Wrap: Mylar
Braid: 0.20mm, Tinned copper, coverage 70% (nom.)
Separator: Paper
Jacket Material: PVC
Jacket Thickness: 0.90mm (Nom.)
Overall Diameter: 8.90mm (Nom.)
Jacket Color: Black

ELECTRICAL CHARACTERISTICS

Operating Temperature (°C): -20°C to +70°C
Operating Voltage: 440V
Conductor DC Resistance@20°C: 40.1 Ω/km Max
Insulation DC Resistance@20°C: 10 MΩ.km Min
Dielectric Test: AC 2.0 kV/ 1min
Current Rating: 2.5 Amp
Minimum Bending Radius : 6x Cable Ø

SAFETY CHARACTERISTICS

Reference Standard: Multicore Cable to DEF. STAN 61-12 part 5
RoHS Compliance: European Directive 2015/863/EU

Application: High density wiring between components and within instruments and electronic equipment

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Revision History		
00	2020/05/18	Initial release
Created L. Jian	Approved A. Huang	

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