



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

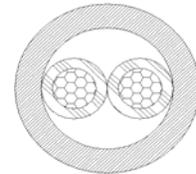
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PART NUMBER: 51142
DESCRIPTION: 12/2 STRANDED CMR/CL3R/FPLR CABLE
CONSTRUCTION: This cable consists of two bare copper insulated conductors with an overall extruded jacket.
APPROVALS: UL Standard 13, 444 & 1424; NEC Articles 725, 760 & 800.
APPLICATION: Communications Cable, Class 3 Power Limited Circuit Cable and/or Fire Alarm Power Limited Circuit Cable used for Riser Applications.

Construction Parameters:

Conductor 12 AWG Bare Copper
Stranding 19/.0185"
Insulation Material Foam Polypropylene
Insulation Thickness 0.008" Nom.
Insulated Conductor Diameter 0.105" Nom.
Number of Conductors 2
Lay Length 5.00" Nom.
Jacket Material PVC
Jacket Thickness 0.017" Nom.
Overall Cable Diameter 0.244" Nom.
Approximate Cable Weight 52.7 Lbs/1M' Nom.
Flame Rating UL 1666 Riser Flame Test

Cable Cross-Section



Electrical Properties:

Temperature Rating -20°C to 75°C
Operating Voltage 300 V RMS Max.
Capacitance Between Conductors @ 1 KHz 30 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz -----
Inductance 0.07 uH/ft Nom.
DC Resistance per Conductor @ 20°C 1.58 Ohms/1M' Nom.

Insulation Colors Black Red
Jacket Color White, Gray (Other colors available for minimum order)

Legend (Surface Ink Print) COLEMAN CABLE 51142 12 AWG 2/C C(ETL) US (ETL CODE) TYPE CMR/CL3R/FPLR 75C SUN RES -- TYPE CMG FT4

This product complies with European Directive 2002/95/EC (RoHS)

On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.

Cable has a rip cord for easy jacket removal. The jacket is sequentially footmarked.

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Customer Name _____

Customer Approval _____

Specification Issue Date: October 3, 2007