



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

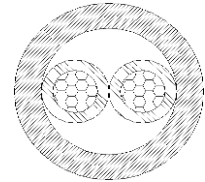
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**PART NUMBER:** 51142  
**DESCRIPTION:** 12/2 STRANDED CMR/CL3R/FPLR CABLE  
**CONSTRUCTION:** This cable consists of two bare copper insulated conductors with an overall extruded jacket.  
**APPROVALS:** UL Standard 13, 444 & 1424; NEC Articles 725, 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	PVC
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	52.9 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test

## Cable Cross-Section



## Electrical Properties:

Temperature Rating	-20°C to 60°C
Operating Voltage	300 V RMS Max.
Capacitance Between Conductors @ 1 KHz	0 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) CCI 51142 12 AWG 2/C C(ETL) US (ETL CODE) TYPE CMR/CL3R/FPLR  
SUN RES -- TYPE CMG FT4 -- XX/XX/XX (MONTH/DAY/YEAR) XXXXXX  
(W/O #) P-07-KA120008-MSHA 300V

This product complies with European Directive 2011/65/EU (RoHS-2)

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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