



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

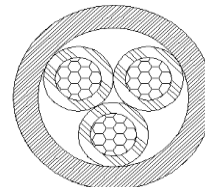
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PART NUMBER: 51109
DESCRIPTION: 18/3 STRANDED CMR/CL3R/FPLR FT4 CABLE
CONSTRUCTION: This cable consists of three bare copper insulated conductors with an overall extruded jacket.
APPROVALS: UL Standard 13 and 444, NEC Articles 725 and 800.
APPLICATION: Class 3 Power Limited Circuit Cable and Communications Cable for Riser Applications

Construction Parameters:

Conductor 18 AWG Bare Copper
Stranding 7/.0152"
Insulation Material PVC
Insulation Thickness 0.006" Nom.
Insulated Conductor Diameter 0.057" Nom.
Number of Conductors 3
Lay Length 5.00" Nom.
Jacket Material PVC
Jacket Thickness 0.014" Nom.
Overall Cable Diameter 0.151" Nom.
Approximate Cable Weight 22.7 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 6.29 Ohms/1M' Nom.

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

Legend (Surface Ink Print) CCI 51109 18 AWG 3/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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Specification Issue Date: January 10, 2014