



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

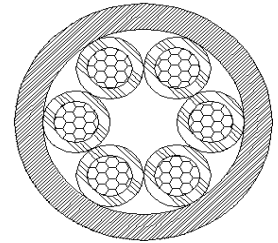
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PART NUMBER: 51117
DESCRIPTION: 18/6 STRANDED CMR/CL3R/FPLR FT4 CABLE
CONSTRUCTION: This cable consists of six bare copper insulated conductors with an overall extruded jacket.
APPROVALS: UL Standard 13 and 444, NEC Articles 725 and 800.
APPLICATION: 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	0.058" Nom.
Number of Conductors	6
Lay Length	5.00" Nom.
Jacket Material	PVC
Jacket Thickness	0.019" Nom.
Overall Cable Diameter	0.212" Nom.
Approximate Cable Weight	42.1 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	24 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	-----
DC Resistance per Conductor @ 20°C	6.29 Ohms/1M' Nom.

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

Legend (Surface Ink Print)

CCI 51117 18 AWG 6/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: September 13, 2013