



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

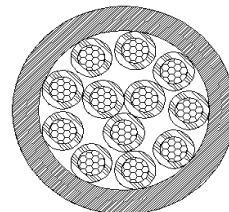
1530 Shields Drive
Waukegan, IL 60085
Toll-Free (800) 323-9355
Fax: (847) 689-1192

PART NUMBER: 51123
DESCRIPTION: 18/12 STRANDED CMR/CL3R/FPLR FT4 CABLE
CONSTRUCTION: This cable consists of twelve 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	12
Lay Length	5.00" Nom.
Jacket Material	PVC
Jacket Thickness	0.019" Nom.
Overall Cable Diameter	0.275" Nom.
Approximate Cable Weight	77.8 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 Orange Yellow Purple Gray Pink Tan
Jacket Color	White, Gray (Other colors available for minimum order)
Legend (Surface Ink Print)	CCI 51123 18 AWG 12/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