



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

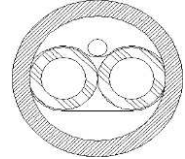
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**PART NUMBER:** 98630  
**DESCRIPTION:** 16/2 SOLID SHIELDED FPLR  
**CONSTRUCTION:** This cable consists of two bare copper insulated conductors with an overall shield with a drain. The overall assembly has an overall jacket.  
**APPROVALS:** UL Standard 1424 and 444, NEC Articles 760 and 800.  
**APPLICATION:** Power Limited Fire Alarm Cable and Communications Cable for Riser Applications

## Construction Parameters:

Conductor	16 AWG Bare Copper
Stranding	Solid
Insulation Material	PVC
Insulation Thickness	0.008" Nom.
Insulated Conductor Diameter	0.066" Nom.
Number of Conductors	2
Lay Length	4.00" Nom.
Shield	Alum/Mylar
Drain	24 AWG Solid Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.014" Nom.
Overall Cable Diameter	0.170" Nom.
Approximate Cable Weight	25.9 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test

## Cable Cross-Section



## Electrical & Environmental Properties:

Temperature Rating	-20°C to 60°C
Operating Voltage	300 V RMS Max.
Capacitance Between Conductors @ 1 KHz	71 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	130 pF/ft Nom.
Inductance	0.07 uH/ft Nom.
DC Resistance per Conductor @ 20°C	4.02 Ohms/1M' Nom.

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

Legend (Surface Ink Print)	COLEMAN CABLE 98630 16 AWG 2/C C(ETL)US (ETL CODE) TYPE CMR/CL3R/FPLR SUN RES -- TYPE CMG FT4
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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.  
 The jacket is sequentially footmarked. Rip cord added under jacket for ease of jacket removal.

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