



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

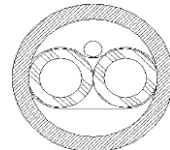
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**PART NUMBER:** 98230  
**DESCRIPTION:** 12/2 SOLID SHIELDED FPLR  
**CONSTRUCTION:** This cable consists of two bare copper insulated conductors with an overall shield with a drain. The overall assembly has an overall jacket.  
**APPROVALS:** UL Standard 1424, NEC Articles 760.  
**APPLICATION:** Power Limited Fire Alarm Cable for Riser Applications

## Construction Parameters:

Conductor	12 AWG Bare Copper
Stranding	Solid
Insulation Material	PVC
Insulation Thickness	0.008" Nom.
Insulated Conductor Diameter	0.097" Nom.
Number of Conductors	2
Lay Length	4.00" Nom.
Shield	Alum/Mylar
Drain	24 AWG Solid Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.017" Nom.
Overall Cable Diameter	0.237" Nom.
Approximate Cable Weight	65.3 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	89 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	164 pF/ft Nom.
DC Resistance per Conductor @ 20°C	1.59 Ohms/1M' Nom.

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

Legend (Surface Ink Print) COLEMAN CABLE 98230 12 AWG 2/C (ETL)US (ETL CODE) TYPE FPLR SUN RES

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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