



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

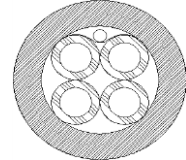
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PART NUMBER: 98431
DESCRIPTION: 14/4 SOLID SHIELDED FPLR
CONSTRUCTION: This cable consists of four bare copper insulated conductors with an overall shield with a drain. The overall assembly has an overall jacket.
APPROVALS: UL Standard 1424, NEC Articles 760.
APPLICATION: Power Limited Fire Alarm Cable for Riser Applications

Construction Parameters:

Conductor	14 AWG Bare Copper
Stranding	Solid
Insulation Material	PVC
Insulation Thickness	0.008" Nom.
Insulated Conductor Diameter	0.080" Nom.
Number of Conductors	4
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	69.6 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	79 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	146 pF/ft Nom.
Inductance	0.07 uH/ft Nom.
DC Resistance per Conductor @ 20°C	2.54 Ohms/1M' Nom.

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

Legend (Surface Ink Print) COLEMAN CABLE 98431 14 AWG 4/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.

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Specification Issue Date: February 25, 2013