



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

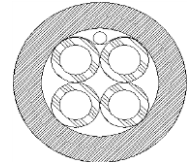
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PART NUMBER: 98831
DESCRIPTION: 18/4 SOLID SHIELDED FPLR
CONSTRUCTION: This cable consists of four bare copper insulated conductors with an overall shield with a drain. The overall assembly has an overall jacket.
APPROVALS: UL Standard 1424 and 444, NEC Articles 760 and 800.
APPLICATION: Power Limited Fire Alarm Cable and Communications Cable for Riser Applications

Construction Parameters:

Conductor 18 AWG Bare Copper
Stranding Solid
Insulation Material PVC
Insulation Thickness 0.008" Nom.
Insulated Conductor Diameter 0.056" Nom.
Number of Conductors 4
Lay Length 4.00" Nom.
Shield Alum/Mylar
Drain 24 AWG Solid Tinned Copper
Jacket Material PVC
Jacket Thickness 0.014" Nom.
Overall Cable Diameter 0.174" Nom.
Approximate Cable Weight 31.5 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 63 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz 115 pF/ft Nom.
DC Resistance per Conductor @ 20°C 6.32 Ohms/1M' Nom.

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

Legend (Surface Ink Print) COLEMAN CABLE 98831 18 AWG 4/C C(ETL)US (ETL CODE) TYPE CMR/CL3R/FPLR SUN RES -- TYPE CMG FT4

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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