



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

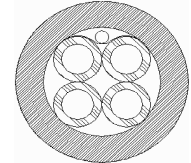
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**PART NUMBER:** 98631  
**DESCRIPTION:** 16/4 SOLID SHIELDED FPLR  
**CONSTRUCTION:** This cable consists of four bare copper insulated conductors with an overall shield with a drain. The overall assembly has an overall jacket.  
**APPROVALS:** UL Standard 1424 and 444, NEC Articles 760 and 800.  
**APPLICATION:** Power Limited Fire Alarm Cable and Communications Cable for Riser Applications

## Construction Parameters:

## Cable Cross-Section

Conductor 16 AWG Bare Copper  
Stranding Solid  
Insulation Material PVC  
Insulation Thickness 0.008" Nom.  
Insulated Conductor Diameter 0.067" 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 0.206" Nom.  
Approximate Cable Weight 46.2 Lbs/1M' Nom.  
Flame Rating UL 1666 Riser Flame Test



## 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 Green Yellow  
Jacket Color Red (Other colors available for minimum order)  
Legend (Surface Ink Print) COLEMAN CABLE 98631 16 AWG 4/C C(ETL)US (ETL CODE) TYPE CMR/CL3R/FPLR  
SUN RES TYPE CMG FT4

This product complies with European Directive 2002/95/EC (RoHS)  
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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Customer Name \_\_\_\_\_ Date Signed \_\_\_\_\_

Customer Approval \_\_\_\_\_

Specification Issue Date: January 19, 2007