



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

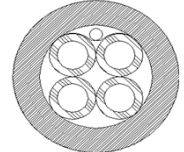
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**PART NUMBER:** 85804  
**DESCRIPTION:** 18/4 SOLID SHIELDED FPLP FT6 CABLE  
**CONSTRUCTION:** This cable consists of four bare copper insulated conductors with an overall shield with a drain. The overall assembly has an overall jacket.  
**APPROVALS:** UL Standard 1424 and 444, NEC Articles 760 and 800.  
**APPLICATION:** Fire Alarm Power Limited Circuit Cable Used in Plenum Applications

## Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	Polymer Alloy
Insulation Thickness	0.010" Nom.
Insulated Conductor Diameter	0.060" Nom.
Number of Conductors	4
Lay Length	4.00" Nom.
Shield	Alum/Mylar
Drain	24 AWG Solid Tinned Copper
Jacket Material	Low Smoke PVC
Jacket Thickness	0.014" Nom.
Overall Cable Diameter	0.183" Nom.
Approximate Cable Weight	34.4 Lbs/1M' Nom.
Flame Rating	NFPA 262 Steiner Tunnel Smoke and Flame Test

## Cable Cross-Section



## Electrical Properties:

Temperature Rating	-20°C to 75°C
Operating Voltage	300 V RMS Max.
Capacitance Between Conductors @ 1 KHz	52 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	96 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) CCI 85804 18 AWG 4/C C(ETL) US (ETL CODE) TYPE FPLP 75C  
-- TYPE CMP FT6

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.

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Customer Name \_\_\_\_\_ Date Signed \_\_\_\_\_

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

Specification Issue Date: November 22, 2005