



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

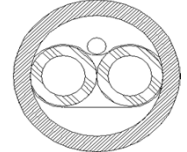
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**PART NUMBER:** 85402  
**DESCRIPTION:** 14/2 SOLID SHIELDED FPLP  
**CONSTRUCTION:** This cable consists of two bare copper insulated conductors with an overall shield with a drain. The overall assembly has an overall jacket.  
**APPROVALS:** UL Standard 1424, NEC Articles 760.  
**APPLICATION:** Fire Alarm Power Limited Circuit Cable Used in Plenum Applications

## Construction Parameters:

## Cable Cross-Section

Conductor	14 AWG Bare Copper
Stranding	Solid
Insulation Material	Low Smoke PVC
Insulation Thickness	0.010" Nom.
Insulated Conductor Diameter	0.084" Nom.
Number of Conductors	2
Lay Length	4.00" Nom.
Shield	Alum/Mylar
Drain	24 AWG Solid Tinned Copper
Jacket Material	Low Smoke PVC
Jacket Thickness	0.017" Nom.
Overall Cable Diameter	0.204" Nom.
Approximate Cable Weight	46.2 Lbs/1M' Nom.
Flame Rating	NFPA 262 Steiner Tunnel Smoke and Flame Test



## Electrical Properties:

Temperature Rating	-20°C to 75°C
Operating Voltage	300 V RMS Max.
Capacitance Between Conductors @ 1 KHz	67 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	123 pF/ft Nom.
DC Resistance per Conductor @ 20°C	2.54 Ohms/1M' Nom.

Insulation Colors	Black Red
Jacket Color	Red (Other colors available for minimum order)
Legend (Surface Ink Print)	CCI 85402 14 AWG 2/C (ETL)US (ETL CODE) TYPE FPLP 75C

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.

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Customer Name \_\_\_\_\_

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

Specification Issue Date: July 19, 2006