



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

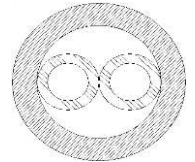
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**PART NUMBER:** 81602  
**DESCRIPTION:** 16/2 SOLID FPLP FT6 CABLE  
**CONSTRUCTION:** This cable consists of two bare copper insulated conductors and an overall jacket.  
**APPROVALS:** UL Standard 1424, NEC Article 760.  
**APPLICATION:** Fire Alarm Power Limited Circuit Cable Used in Plenum Applications

## Construction Parameters:

Conductor 16 AWG Bare Copper  
Stranding Solid  
Insulation Material Low Smoke PVC  
Insulation Thickness 0.008" Nom.  
Insulated Conductor Diameter 0.067" Nom.  
Number of Conductors 2  
Lay Length Parallel  
Jacket Material Low Smoke PVC  
Jacket Thickness 0.014" Nom.  
Overall Cable Diameter 0.162" Nom.  
Approximate Cable Weight 24.5 Lbs/1M' Nom.  
Flame Rating NFPA 262 Steiner Tunnel Smoke and Flame Test

## Cable Cross-Section



## Electrical & Environmental Properties:

Temperature Rating -20°C to 75°C  
Operating Voltage 300 V RMS Max.  
Capacitance Between Conductors @ 1 KHz 40 pF/ft Nom.  
Capacitance Between Conductors to Shield @ 1 KHz -----  
DC Resistance per Conductor @ 20°C 4.02 Ohms/1M' Nom.

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

Legend (Surface Ink Print) CCI 81602 16 AWG 2/C C(ETL) US (ETL CODE) TYPE FPLP 75C -- TYPE CMP FT6 -- XX/XX/XX (MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE)

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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