



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

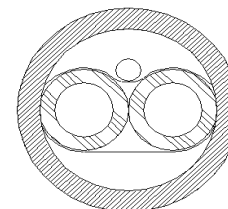
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PART NUMBER: 85602
DESCRIPTION: 16/2 SOLID SHIELDED FPLP FT6 CABLE
CONSTRUCTION: This cable consists of two bare copper insulated conductors with an overall shield with a drain. The overall assembly has an overall jacket.
APPROVALS: UL Standard 1424 and 444, NEC Articles 760 and 800.
APPLICATION: Fire Alarm Power Limited Circuit Cable Used in Plenum Applications

Construction Parameters:

Cable Cross-Section

Conductor	16 AWG Bare Copper
Stranding	Solid
Insulation Material	Low Smoke PVC
Insulation Thickness	0.008" Nom.
Insulated Conductor Diameter	0.066" 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	0.014" Nom.
Overall Cable Diameter	0.170" Nom.
Approximate Cable Weight	30.0 Lbs/1M' Nom.
Flame Rating	NFPA 262 Steiner Tunnel Smoke and Flame Test



Electrical & Environmental 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	4.02 Ohms/1M' Nom.

Insulation Colors	Black, Red
Jacket Color	Red (Other colors available for minimum order)
Legend (Surface Ink Print)	CCI 85602 16 AWG 2/C C(ETL)US (ETL CODE) TYPE FPLP 75C - - TYPE CMP FT6

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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Customer Name _____ Date Signed _____

Customer Approval _____

Specification Issue Date: July 19, 2006