



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

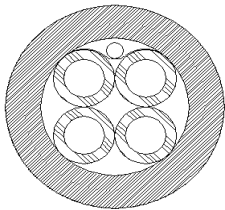
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PART NUMBER: 85604
DESCRIPTION: 16/4 SOLID SHIELDED FPLP FT6 CABLE
CONSTRUCTION: This cable consists of four bare copper insulated conductors with an overall shield with a drain. The overall assembly has an overall jacket.
APPROVALS: UL Standard 1424 and 444, NEC Articles 760 and 800.
APPLICATION: Fire Alarm Power Limited Circuit Cable Used in Plenum Applications

Construction Parameters:

Conductor	16 AWG Bare Copper
Stranding	Solid
Insulation Material	Low Smoke PVC
Insulation Thickness	0.010" Nom.
Insulated Conductor Diameter	0.070" 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	0.017" Nom.
Overall Cable Diameter	0.213" Nom.
Approximate Cable Weight	52.5 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	59 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	109 pF/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)	CCI 85604 16 AWG 4/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.
The jacket is sequentially footmarked.

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Customer Name _____

Customer Approval _____

Specification Issue Date: November 22, 2005