



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

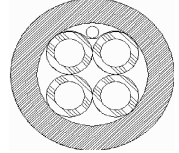
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PART NUMBER: 85604
DESCRIPTION: 16/4 SOLID SHIELDED FPLP FT6 CABLE
CONSTRUCTION: This cable consists of four bare copper insulated conductors with an overall shield with a drain. The overall assembly has an overall jacket.
APPROVALS: UL Standard 1424 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 0.071" 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 0.215" Nom.
Approximate Cable Weight 52.6 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) COLEMAN CABLE 85604 16 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 _____

Customer Approval _____

Specification Issue Date: November 22, 2005