



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

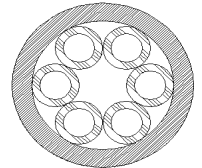
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PART NUMBER: 81806
DESCRIPTION: 18/6 SOLID FPLP FT6 CABLE
CONSTRUCTION: This cable consists of six bare copper insulated conductors and an overall jacket.
APPROVALS: UL Standard 1424, NEC Article 760.
APPLICATION: Fire Alarm Power Limited Circuit Cable Used in Plenum Applications

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	Low Smoke PVC
Insulation Thickness	0.006" Nom.
Insulated Conductor Diameter	0.052" Nom.
Number of Conductors	6
Lay Length	5.00" Nom.
Jacket Material	Low Smoke PVC
Jacket Thickness	0.014" Nom.
Overall Cable Diameter	0.184" Nom.
Approximate Cable Weight	41.1 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	41 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	-----
DC Resistance per Conductor @ 20°C	6.32 Ohms/1M' Nom.

Insulation Colors	Black Red Green Yellow Brown Blue
Jacket Color	Red (Other colors available for minimum order)

Legend (Surface Ink Print) CCI 81806 18 AWG 6/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 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: June 3, 2013