



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

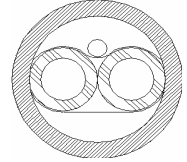
1530 Shields Drive
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Toll-Free (800) 323-9355
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PART NUMBER: 85802
DESCRIPTION: 18/2 SOLID SHIELDED FPLP FT6 CABLE
CONSTRUCTION: This cable consists of two bare copper insulated conductors with an overall 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:

Conductor 18 AWG Bare Copper
Stranding Solid
Insulation Material Low Smoke PVC
Insulation Thickness 0.010" Nom.
Insulated Conductor Diameter 0.060" 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 0.158" Nom.
Approximate Cable Weight 21.0 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 52 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz 96 pF/ft Nom.
DC Resistance per Conductor @ 20°C 6.32 Ohms/1M' Nom.

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

Legend (Surface Ink Print) COLEMAN CABLE 85802 18 AWG 2/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 _____ Date Signed _____
Customer Approval _____

Specification Issue Date: July 19, 2006

Packaging Options

Coleman Cable offers four types of packaging options.

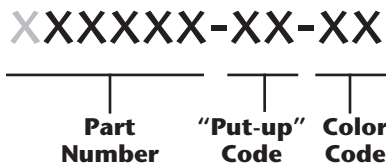
- Signa-Coil
- Reel-in-box
- Pull-out box (Rabbit pull)
- Reels

All provide fast and easy cable access. Kinks and twists are eliminated. You get tangle-free cable delivery each and every time. These durable, compact designs save on installation time while reducing waste and material costs. They can be easily stacked to save room.

* Not all options are available for each product



Coleman Cable Part Legend



Put-ups	Code
Reel, 250 ft	04
Reel, 500 ft	05
Reel, 1,000 ft	06
Reel-in-box, 1,000 ft	16
RabbitPull™ Pull-Box, 500 ft	45
RabbitPull™ Pull-Box, 1,000 ft	46
SignaCoil™ 500 ft	55
SignaCoil™ 1,000 ft	56

Colors	Code		Code
White	01	Pink	11
Yellow	02	Purple	13
Orange	03	Clear	18
Red	04	Fluorescent	
Green	05	Pink	21
Blue	06	Ivory	22
Brown	07	Natural	23
Black	08	Beige	33
Gray	09	Red Striped	
		CorraClad™	44

