



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

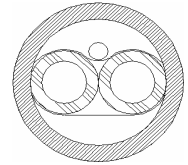
1530 Shields Drive  
Waukegan, IL 60085  
Toll-Free (800) 323-9355  
Fax: (847) 689-1192

**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 0.010" Nom.  
Insulated Conductor Diameter 0.071" 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 0.180" Nom.  
Approximate Cable Weight 31.3 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 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  
Jacket Color Red (Other colors available for minimum order)

Legend (Surface Ink Print) COLEMAN CABLE 85602 16 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.

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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.

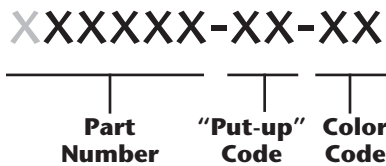
- Signa-Coil
- Reel-in-box
- Pull-out box (Rabbit pull)
- Reels

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

