



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

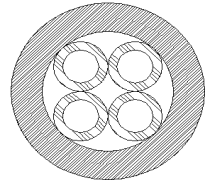
1530 Shields Drive  
Waukegan, IL 60085  
Toll-Free (800) 323-9355  
Fax: (847) 689-1192

**PART NUMBER:** 81604  
**DESCRIPTION:** 16/4 SOLID FPLP FT6 CABLE  
**CONSTRUCTION:** This cable consists of four 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:

## Cable Cross-Section

Conductor 16 AWG Bare Copper  
Stranding Solid  
Insulation Material Low Smoke PVC  
Insulation Thickness 0.008" Nom.  
Insulated Conductor Diameter 0.067" Nom.  
Number of Conductors 4  
Lay Length 5.00" Nom.  
Jacket Material Low Smoke PVC  
Jacket Thickness 0.017" Nom.  
Overall Cable Diameter 0.196" Nom.  
Approximate Cable Weight 44.5 Lbs/1M' Nom.  
Flame Rating NFPA 262 Steiner Tunnel Smoke and Flame Test



## Electrical Properties:

Temperature Rating -20°C to 75°C  
Operating Voltage 300 V RMS Max.  
Capacitance Between Conductors @ 1 KHz 40 pF/ft Nom.  
Capacitance Between Conductors to Shield @ 1 KHz -----  
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 81604 16 AWG 4/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 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.

The information presented here is, to the best of our knowledge, true and accurate. Since conditions of use are beyond Coleman Cable's control all product data presented is for informational purposes only and does not create a binding obligation or liability on Coleman Cable or confer any rights on any customer. The sale of products(s) is conditioned upon acceptance of a purchase order subject to Coleman Cable's standard terms and conditions contained therein, including without limitation Coleman Cable's standard warranty. Coleman Cable disclaims all liability in connection with the use of information contained herein or otherwise.

This specification is proprietary intellectual property of Coleman Cable. Any information contained herein shall not be disclosed to any party without written consent of Coleman Cable.

Customer Name \_\_\_\_\_ Date Signed \_\_\_\_\_

Customer Approval \_\_\_\_\_

Specification Issue Date: June 3, 2013