# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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

**PART NUMBER:** 51012
**DESCRIPTION:** 16 AWG STRANDED TFFN FIXTURE WIRE
**CONSTRUCTION:** This cable consists of one bare copper insulated conductor.
**APPROVALS:** UL 66 - Fixture Wire
**APPLICATION:** Fixture Wire

## Construction Parameters:

| | |
|---|---|
| Conductor | 16 AWG Bare Copper |
| Stranding | 26/30 |
| Insulation Material | PVC/Nylon |
| Insulation Thickness | 0.016" Nom. |
| Nylon Insulation Thickness | 0.005" Nom. |
| Insulated Conductor Diameter | 0.100" Nom. |
| Approximate Cable Weight | 10.9 Lbs/1M' Nom. |

## Electrical & Environmental Properties:

| | |
|---|---|
| Temperature Rating | -20$^{\circ}$C to 90$^{\circ}$C |
| Operating Voltage | 600 V RMS Max. |
| Impedance | 43.08 Ohms/1M' Nom. |
| DC Resistance per Conductor @ 20$^{\circ}$C | 4.08 Ohms/1M' Nom. |

| | |
|---|---|
| Insulation/Jacket Color | Varies (Consult factory for availability) |
| Legend (Surface Ink Print) | CCI TRIANGLE 16 AWG (1.31mm$^2$) TFFN E22337 (UL) 600V OR AWM STYLE 1316 & 1408 & 1452 GASOLINE & OIL RESISTANT I OR MTW |

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 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 product(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.

Customer Name_____

Customer Approval _____

Specification Issue Date: October 15, 2009