



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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

**PART NUMBER:** 50309  
**DESCRIPTION:** 10/3 Bus Drop Cable  
**CONSTRUCTION:** This cable consists of three bare copper insulated conductors and three bare copper grounds cabled and an overall jacket.  
**APPROVALS:** UL Misc. Wire Bus Drop Cable


## Construction Parameters:

|   |                    |
|---|--------------------|
| Conductor                                     | 10 AWG Bare Copper |
| Stranding                                     | 19/.0234"          |
| Insulation Material                           | PVC                |
| Insulation Thickness                          | 0.031" Nom.        |
| Insulated Conductor Diameter                  | 0.179" Nom.        |
| Ground  | 14 AWG Bare Copper |
| Ground Stranding                              | 19/.0147"          |
| Number of Insulated Conductors + Bare Grounds | 3 + 3              |
| Lay Length                                    | 3.50" Nom.         |
| Filler Type                                   | Polypropylene      |
| Separator                                     | Paper Tissue       |
| Jacket Material                               | PVC                |
| Jacket Thickness                              | 0.047" Nom.        |
| Overall Cable Diameter                        | 0.470" Nom.        |
| Approximate Cable Weight                      | 211.0 Lbs/1M' Nom. |

## Electrical Properties:

|                                    |  |
|------------------------------------|--|
| Temperature Rating                 | 60°C   |
| Rated Voltage                      | 600 V  |
| DC Resistance per Conductor @ 20°C | 0.99 Ohms/1M' Nom.   |
| Ampacity                           | Per NEC Table 310.16 and<br>Adjustment Factors per Table 310.15(B)(2)(a) |

|                   |                             |                      |
|-------------------|-----------------------------|----------------------|
| Insulation Colors | Conductors: Black White Red | Grounds: Bare copper |
| Jacket Color      | Gray                        |                      |

Legend (Indent Print) CCI ROYAL  E54868 10-3 BUS DROP CABLE TW INS. 600V (UL) 60C DRY 60C WET OUTDOOR

Ink Jet Print XX/XX/XX (MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE)

This product complies with European Directive 2011/65/EU (RoHS-2)

The customer will accept all mil lengths and +/- 10 percent of total order requested.

Material is not returnable and purchase order is non-cancelable after production has been started or special materials have been ordered.

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.

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.

Specification Issue Date: January 8, 2014