



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**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 Adjustment Factors per Table 310.15(B)(2)(a)

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

Legend (Indent Print)      SOUTHWIRE® ROYAL®  E357438 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.

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