



PRODUCT DATA SHEET

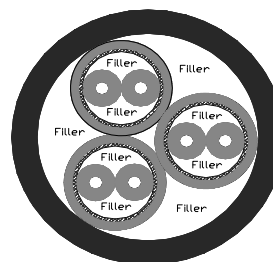
Controlled Document - Engineering Drive

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PART NUMBER: 30018
DESCRIPTION: 18/3PR STRANDED EACH PAIR BRAID SHIELDED
CONSTRUCTION: This cable consists of three pairs of bare copper insulated conductors, each pair twisted and braided with a TPE covering, cabled together with an overall TPE jacket.
APPROVALS: This cable is not listed.
APPLICATION: 300V Communications Cable

Construction Parameters:

| | |
|------------------------------|----------------------------------|
| Conductor | 18 AWG Bare Copper |
| Stranding | 41/34 |
| Insulation Material | PVC |
| Insulation Thickness | 0.025" Nom. |
| Insulated Conductor Diameter | 0.096" Nom. |
| Number of Pairs | 3 |
| Lay Length (Pairs) | 1.00" Nom. |
| Filler | Dry Jute |
| Braid | 36 AWG TC 95% Coverage |
| TPE Braid Covering Thickness | 0.030" Nom. |
| Pair Diameter | 0.272" Nom. |
| Lay Length (Overall) | 5.00" Nom. |
| Filler | Dry Jute |
| Separator/Wrap | Clear Mylar |
| Jacket Material | TPE |
| Jacket Thickness | 0.062" Nom. |
| Overall Cable Diameter | 0.716" Nom. |
| Approximate Cable Weight | 155.3 Lbs/1M' Nom. |
| Flame Rating | UL 1581 Vertical Tray Flame Test |



Electrical Properties:

| | |
|--|--------------------|
| Temperature Rating | -50°C to 105°C |
| Operating Voltage | 300V RMS Max. |
| Capacitance Between Conductors @ 1 KHz | 39 pF/ft Nom. |
| Capacitance Between Conductors to Shield @ 1 KHz | 72 pF/ft Nom. |
| DC Resistance per Conductor @ 20°C | 6.48 Ohms/1M' Nom. |

| | |
|--|---|
| Insulation Colors & Black Numbered Pairs | 1/Black-Red 2/Black-White 3/Black-Blue |
| Jacket Color | Black |
| Legend (Surface Ink Print) | COLEMAN CABLE 18 AWG 3/PR SHIELD 105°C 300V |

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 _____

Customer Approval _____

Specification Issue Date: May 24, 2011