



PRODUCT DATA SHEET

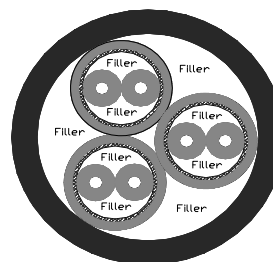
Controlled Document - Engineering Drive

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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