



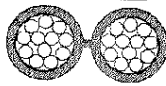
PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
 Waukegan, IL 60086
 Toll-Free (800) 323-9355
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PART NUMBER: 30002
DESCRIPTION: 16/12 STRANDED TWIN FESTOON CABLE
CONSTRUCTION: This cable consists of two legs of twelve bare copper PVC/Nylon insulated conductors twisted together and an overall TPE jacket.
APPROVALS: UL Misc. Wires - Festoon Cable
APPLICATION: 600V Festoon Flexing Power Cable Applications

Construction Parameters:

Conductor	16 AWG Bare Copper	
Stranding	26/30	
Insulation Material	PVC/Nylon	(Two identical legs of 12 conductors)
PVC Insulation Thickness	0.016" Nom.	
Nylon Insulation Thickness	0.005" Nom.	
Insulated Conductor Diameter	0.101" Nom.	
Number of Conductors	24	
Lay Length	5.50" Nom.	
Lay Up	3+9+Reinforced Mylar	
Lay Direction	All layers left hand lay direction	
Filler Type	None	
Separator/Wrap	Reinforced Mylar (Mylar Side Out)	
Wrap Thickness	0.005" Nom.	
Jacket Material	TPE	
Jacket Thickness	0.062" Nom.	
Overall Cable Dimensions	0.563" x 1.191" (Major Dimension of 1.300" Max)	
Approximate Cable Weight	109.0 Lbs/1M' Nom.	
Flame Rating	UL/CSA Horizontal Flame Test	

Electrical Properties:

Temperature Rating	-40°C to 90°C
Operating Voltage	600V RMS Max
DC Resistance per Conductor @ 20°C	4.00 Ohms/1M'

Insulation Colors	(Each Leg)	Black	White	Red
		Green	Orange	Blue
		White/Black	Red/Black	Green/Black
Jacket Color		Orange/Black	Blue/Black	Black/White
		Black		

Legend (White Ink Print)

COLEMAN CABLE & WIRE CO. 16-12 TWIN 600V 90C
 (UL) FESTOONING CABLE

This product complies with European Directive 2002/95/EC (RoHS)
 Notes:

1. The customer will accept all mill lengths and +/- 10 percent of total order requested.
2. The cable will be planetary cabled with both the inside and outside layers in a un-lay construction.
3. All striping will be done with band marking.

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Customer Name _____

Customer Approval _____ Date: _____

Specification Issue Date: July 7, 2006