



PRODUCT DATA SHEET

Controlled document - Engineering Drive

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PART NUMBER: 99979-xx-11

DESCRIPTION: COMBO RG59 COAXIAL PLUS 1 PAIR/18AWG UNDER ONE JACKET

RATING: UL LISTED AS CL2P

Construction Parameters:

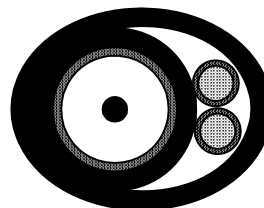
		<u>OD (in)*</u>
<u>Part 1:</u>	Conductor: 20 AWG (1/.032) Solid Bare Copper	0.032
	Dielectric: Foam FEP	0.140
	Shielding: 95% Copper Braid	0.162
	Jacket: PVC	0.194
<u>Part 2:</u>	Conductor: 18 AWG (7/26) Stranded Bare Copper	0.045
	Dielectric: PVC	0.069
	Twist: 2 Conductors (1 Black & 1 Red) twisted as Pair	0.138
<u>Final:</u>	Jacket: Part 1 and Part 2 Jacketed with PVC under one jacket.	Appx. 0.226x0.364

Electrical Properties:

<u>Coax:</u>	<u>VALUE*</u>
Impedance (ohms):	75
Capacitance (pF/ft):	17.8
Velocity of Propagation (%):	82
Attenuation** (db/100 ft):	
50 MHz	2.0
100 MHz	2.7
200 MHz	3.7
400 MHz	6.3
1000 MHz	10.1

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color:	White
Jacket Print (Black):	CCI E100316-I 18 AWG/2C 20 AWG/1C RG 59/U (UL) TYPE CL2P
Applicable NEC Article:	725
Flame rating:	UL-910 Steiner Tunnel Smoke and Flame Test
Approximate Weight (lb/1000 ft):	54

On special orders the customer will accept all factory lengths and $\pm 10\%$ of total order requested.

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Company Name: _____

Customer Approval: _____

Date: _____

Issued: 5/01/00

* = Nominal value
By: DMM