



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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PART NUMBER: 921015
DESCRIPTION: RG-6/U PLENUM COAXIAL CABLE WITH FOIL AND 80% BRAID SWEPT TO 3.0 GHZ
RATING: C(ETL)US LISTED AS CMP/CL2P FT6

Construction Parameters:

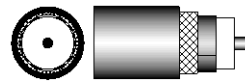
		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	18 AWG (1/.040) Copper Clad Steel		0.040
Dielectric:	Foam FEP color natural	0.065	0.170
Shielding:	Aluminum/Polyester/Aluminum Foil with 80% Aluminum Braid		0.194
Jacket:	Low Smoke PVC	0.021	0.235

Electrical Properties:

	<u>VALUE*</u>
Conductor Resistance (ohms/Kft):	16.3
Impedance (ohms):	75
Capacitance (pF/ft):	16.5
Velocity of Propagation (%):	82
Attenuation (db/100 ft):	
50 MHz	1.5
100 MHz	1.9
200 MHz	3.2
400 MHz	4.2
700 MHz	6.4
1000 MHz	6.9
1500 MHz	9.4
2000 MHz	11.1
2200 MHz	11.8
3000 MHz	17.0

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color: Natural
Jacket Print (Teal/Aqua): CCI 921015 RG6 18 AWG CCS DUAL SHIELD 80% AL BRAID C(ETL)US
ASCENDING/DESCENDING FOOTAGE MARKING 3020464 CMP OR CL2P FT6 75C SWEPT TO 3.0 GHZ
Applicable NEC Article: 725 & 800
Temperature Rating: 75C
Flame Rating: UL 910 Steiner Tunnel Smoke and Flame Test
CSA FT6 Horizontal Flame and Smoke Test
Approx. Weight (lb/1000 ft): 42

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

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

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Issued: 09/20/06

* = Nominal value
By: PMV