



# PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive  
Waukegan, IL 60085  
Toll-Free (800) 323-9355  
Fax: (847) 689-1192

**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:

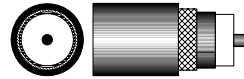
		<b>Wall (in)*</b>	<b>OD (in)*</b>
Conductors:	18 AWG (1/.040) Copper Clad Steel		0.040
Dielectric:	Foam FEP color natural	0.065	0.170
Shielding:	Aluminum/Polyester/Aluminum Foil with 80% Aluminum Braid		0.194
Jacket:	Low Smoke PVC	0.021	0.235

## Electrical Properties:

	<b>VALUE*</b>
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): COLEMAN CABLE 921015 RG6 18 AWG CCS DUAL SHIELD 80% AL BRAID  
ASCENDING/DESCENDING  
FOOTAGE MARKING  
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  $\pm$  10% of total order requested.*

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Company Name: \_\_\_\_\_

Customer Approval: \_\_\_\_\_

Date: \_\_\_\_\_

Issued: 09/20/06

\* = Nominal value  
By: PMV