



# PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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**PART NUMBER:** 921009

**DESCRIPTION:** RG-6/U PLENUM COAXIAL CABLE WITH FOIL AND 80% ALUMINUM BRAID

**RATING:** ETL LISTED AS CL2P

C(ETL) CERTIFIED AS CMP FT6

## Construction Parameters:

		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	18 AWG (1/.040) Solid Bare Copper		0.040
Dielectric:	Foam FEP color natural	0.064	0.168
Shielding:	Aluminum/Polyester/Aluminum Foil with 80% Aluminum Braid		0.194
Jacket:	Low Smoke PVC	0.017	0.228

## Electrical Properties:

	<u>VALUE*</u>
Conductor Resistance (ohms/Kft):	6.5
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
550 MHz	5.3
750 MHz	6.1
950 MHz	6.8
1450 MHz	9.3
1750 MHz	10.5
2150 MHz	12.0
2200 MHz	12.5
3000 MHz	14.5

## Cable Cross-section:

(NOT TO SCALE)



## Miscellaneous Information:

Flame Rating:	UL 910 Steiner Tunnel Smoke and Flame Test
Jacket Color:	Natural
Jacket Print: (Aqua/Teal)	CCI 921009 RG6 18 AWG BC DUAL SHIELD 80% AL BRAID C(ETL)US
(Ascending/Descending Footprint)	3020464 CMP OR CL2P FT6 75C SWEPT TO 3.0 GHZ
Applicable NEC Article:	725 & 800
Approximate Weight (lb/1000 ft):	30

*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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\* = Nominal value  
By: PEP