



# PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive  
Waukegan, IL 60085

**PART NUMBER:** 921007-

**DESCRIPTION:** RG-6/U PLENUM COAXIAL CABLE WITH FOIL AND 90% ALUMINUM BRAID

**RATING:** ETL DUAL LISTED AS CMP/CL2P/CATVP  
C(ETL) CERTIFIED AS CMP FT6

**APPLICATIONS:** CATV

### 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	0.065	0.170
Shielding:	Aluminum/Polyester/Aluminum Foil with 90% Aluminum Braid		0.200
Jacket:	Low Smoke PVC	0.022	0.243

### 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:

Jacket Color: Natural

Jacket Print:(Teal/Aqua): COLEMAN CABLE 921007 RG6 18 AWG BC DUAL SHIELD 90% AL  
ASCENDING/DESCENDING FOOTAGE BRAID C(ETL)US 3020464 CMP OR CL2P FT6 75C SWEPT TO 3.0  
MARKING GHZ

Applicable NEC Article: 725 & 800

Flame Rating: UL 910 Steiner Tunnel Smoke and Flame Test

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

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

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

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\* = Nominal value  
By: RBC

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