



# PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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**PART NUMBER:** 99911

**DESCRIPTION:** RG-6/U QUAD PLENUM COAXIAL CABLE WITH TWO FOILS AND 60%-40% ALUMINUM BRAIDS

**RATING:** ETL DUAL LISTED AS CL2P, CMP FT6  
WESTINGHOUSE SECURITY ELECTRONICS (SCHLAGE APPROVED #13103437002)

### Construction Parameters:

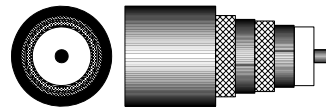
		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	18 AWG (1/.040) Solid Bare Copper		0.040
Dielectric:	Foam FEP color natural	0.064	0.169
Shielding 1 & 2:	Bonded Aluminum/Polyester/Aluminum Foil with 60% Aluminum Braid		0.202
Shielding 3 & 4:	Aluminum/Polyester/Aluminum Foil with 40% Aluminum Braid		0.234
Jacket:	Low Smoke PVC	0.018	0.270

### 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):	
30 MHz	1.2
54 MHz	1.5
100 MHz	2.0
216 MHz	3.2
470 MHz	4.5
600 MHz	5.6
890 MHz	6.6
1000 MHz	7.5
1450 MHz	8.9
2200 MHz	11.0

### Cable Cross-section:

(NOT TO SCALE)



### Miscellaneous Information:

Flame Rating: UL 910 Steiner Tunnel Smoke and Flame Test  
 Jacket Color: Natural  
 Jacket Print (Blue): COLEMAN CABLE 99911 RG6 18 AWG BC QUAD SHIELD 65/40% AL BRAID C(ETL)US  
 (Ascending/Descending Footage Marking) 3020465 CMP OR CL2P FT6 75C SWEPT TO 3.0 GHZ  
 Applicable NEC Article: 725 & 800  
 Approx. Weight (lb/1000 ft): 31

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.*

*The information presented here is, to the best of our knowledge, true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We reserve the right to review and modify all constructions to conform with the latest Regulatory requirement. We disclaim all liability in connection with the use of information contained herein or otherwise. This specification is propriety intellectual property of COLEMAN CABLE. Any information contained herein shall not be disclosed to any party without written consent of COLEMAN CABLE.*

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

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

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

Issued: 09/20/06

\* = Nominal value  
By: RBC