



# PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive  
 Waukegan, IL 60085  
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**PART NUMBER:** 821013-  
**DESCRIPTION:** RG-11/U PLENUM COAXIAL CABLE WITH 61% ALUMINUM BRAID  
**RATING:** UL DUAL LISTED AS CL2P AND CATVP  
 CSA CERTIFIED AS CMP FT6  
**REFERENCE:** EQUIV. COMMSCOPE 2285K

### Construction Parameters:

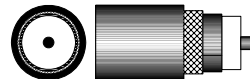
		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	14 AWG (1/.064) Solid Copper Clad Steel		0.064
Dielectric:	Foam FEP color natural	0.108	0.280
Shielding:	Aluminum/Polyester/Aluminum Foil with 61% Aluminum Braid		0.312
Jacket:	Polyvinylidene Fluoride (Kynar®)	0.017	0.346

### Electrical Properties:

	<u>VALUE*</u>
Conductor Resistance (ohms/Kft):	11.1
Impedance (ohms):	75
Capacitance (pF/ft):	16.5
Velocity of Propagation (%):	82
Attenuation (db/100 ft):	
10 MHz	0.5
50 MHz	1.1
100 MHz	1.4
200 MHz	2.1
400 MHz	3.3
700 MHz	5.4
1000 MHz	5.9
1450 MHz	7.2
1800 MHz	7.9
2200 MHz	9.5

### Cable Cross-section:

(NOT TO SCALE)



### Miscellaneous Information:

Jacket Color: Natural  
 Jacket Print (Blue): COLEMAN CABLE E100316-I 14 AWG RG 11/U TYPE CL2P/CATVP (UL) 125C LL53149 CSA CMP FT6 WO# XXXXXX  
 Flame Rating: UL 910 Steiner Tunnel Smoke and Flame Test  
 CSA FT6 Horizontal Flame and Smoke Test  
 Temperature Rating: 125° C  
 Applicable NEC Article: 725 & 820  
 Approximate Weight (lb/1000 ft): 54  
 Connector: Corning Gilbert Inc. # GF-11-300P/388

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: 04/26/06

\* = Nominal value  
 By: PEP