



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 60% ALUMINUM BRAID

RATING: UL DUAL LISTED AS CL2P AND CATVP
CSA CERTIFIED AS CMP FT6

REFERENCE: EQUIV. COMMScope 2285K

Construction Parameters:

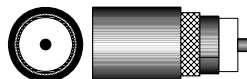
		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	14 AWG (1/.064) Solid Copper Clad Steel		0.064
Dielectric:	Foam FEP color natural	0.108	0.280
Shielding:	Aluminum/Polyester/Aluminum Foil with 60% Aluminum Braid		0.312
Jacket:	Polyvinylidene Fluoride (Kynar®)	0.017	0.346

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 821013 RG11 14 AWG CCS DUAL SHIELD 60% AL BRAID E118963 (UL) CMP OR CL2P OR CATVP LL53149 CSA CMP FT6 125C SWEPT TO 3.0 GHZ
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, 800 & 820
Approximate Weight (lb/1000 ft):	54
Connector:	Corning Gilbert Inc. # GF-11-300P/388

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: _____

