



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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PART NUMBER: 821010-xx-23
DESCRIPTION: RG-11/U QUAD PLENUM COAXIAL CABLE WITH TWO FOILS AND 60%-40% ALUMINUM BRAIDS
RATING: UL LISTED AS CMP/CL2P OR CATVP
 CSA CERTIFIED AS CMP FT6

Construction Parameters:

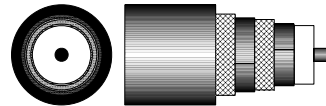
		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	14 AWG (1/.064) Solid Copper Clad Steel		0.064
Dielectric:	Foam FEP color natural	0.108	0.280
Shielding 1 & 2:	Bonded Aluminum/Polyester/Aluminum Foil with 60% Aluminum Braid		0.312
Shielding 3 & 4:	Aluminum/Polyester/Aluminum Foil with 40% Aluminum Braid		0.344
Jacket:	Polyvinylidene Fluoride (Kynar®)		0.372

Electrical Properties:

	<u>VALUE*</u>
Conductor Resistance (ohms/Kft):	12.7
Impedance (ohms):	75
Capacitance (pF/ft):	16.5
Velocity of Propagation (%):	82
Attenuation (db/100 ft):	
50 MHz	1.2
100 MHz	1.7
200 MHz	2.5
400 MHz	3.5
700 MHz	4.6
1000 MHz	5.6
1450 MHz	6.3
1750 MHz	7.4
2200 MHz	8.1
3000 MHz	9.7

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): COLEMAN CABLE 821010 RG11 14 AWG CCS QUAD SHIELD 60/40% AL BRAID E118963 (UL) CMP OR CL2P OR CATVP LL53149 CSA CMP FT6 125C SWEPT TO 3.0 GHZ
 Temperature Rating: 125° C
 Applicable NEC Article: 725, 800 & 820
 Approximate Weight (lb/1000 ft): 60

The 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: _____

Issued: 05/30/08 BY: RBC

* = Nominal value