



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
Toll-Free (800) 323-9355
Fax: (847) 689-1192

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:

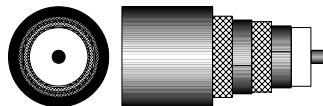
		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	14 AWG (1/.064) Solid Copper Clad Steel		0.064
Dielectric:	Foam FEP color natural	0.108	0.280
Shielding 1 & 2:	Bonded Aluminum/Polyester/Aluminum Foil with 60% Aluminum Braid		0.312
Shielding 3 & 4:	Aluminum/Polyester/Aluminum Foil with 40% Aluminum Braid		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 $\pm 10\%$ of total order requested.

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Company Name: _____

Customer Approval: _____

Date: _____