



# 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/CATVP  
C(UL) LISTED 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): CCI 821010 RG11 14 AWG CCS QUAD SHIELD 60/40% AL  
BRAID E118963-I (UL) TYPE CMP/CL2P/CATVP 125C -  
c(UL)CMP FT6 SWEPT TO 3.0 GHZ WO#  
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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\* = Nominal value  
By: RBC