



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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PART NUMBER: 991047-xx-08
DESCRIPTION: RG-58 C/U COAXIAL CABLE
RATINGS: UL LISTED AS CL2X
UL RECOGNIZED COMPONENT AWM STYLE 1354

Construction Parameters:

		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	21 AWG (19/.007) Stranded Tinned Copper		0.035
Dielectric:	Solid Polyethylene color natural	0.041	0.116
Shielding:	95% Tinned Copper Braid		0.138
Jacket:	PVC (Non-Contaminating Type IIA)	0.029	0.195

Electrical Properties:

	<u>VALUE*</u>
Conductor Resistance (ohms/Kft)	11
Impedance (ohms):	50 ± 2
Capacitance (pF/ft):	30.8
Velocity of Propagation (%):	66 ± 1
Attenuation (Max db/100 ft):	
50 MHz	3.3
100 MHz	4.9
200 MHz	7.3
400 MHz	11.5
900 MHz	20.0

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color: Black
Jacket Print: CCI RG 58 C/U 21 AWG TYPE CL2X 75 C (UL) E100316 OR AWM 1354
Applicable NEC Article: 725
Flame Rating: UL-1581 VW-1 Vertical Flame Test
Max. Operating Temperature: 75° C
Max. Operating Volts: 1900 RMS
Approx. Weight (lb/1000 ft): 25

Company Name: _____

Customer Approval: _____

Date: _____

This product complies with European Directive 2011/65/EU (RoHS-2)

On special orders the customer will accept all factory lengths and $\pm 10\%$ of total order requested.

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* = Nominal value
By: PEM

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