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Coleman Cable Systems, Inc.

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**PRODUCT DATA SHEET**

**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: COLEMAN CABLE 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: 1400 RMS  
Approx. Weight (lb/1000 ft): 25

Company Name: \_\_\_\_\_

Customer Approval: \_\_\_\_\_

Date: \_\_\_\_\_

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

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Issued: 01/06/00

\* = Nominal value  
By: PEP