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Coleman Cable Systems, Inc.

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**PRODUCT DATA SHEET**

**PART NUMBER:** 991783-xx-08  
**DESCRIPTION:** RG-223/U COAXIAL CABLE  
**RATING:** UL LISTED AS CL2  
 CSA CERTIFIED AS CMG FT4

**Construction Parameters:**

		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	19 AWG (1/.035) Silver Coated Copper		0.035
Dielectric:	Solid Polyethylene color natural	0.041	0.116
Shielding:	96% Silver Coated Copper Braid plus 96% Silver Coated Copper Braid		0.160
Jacket:	PVC	0.037	0.234

**Electrical Properties:**

	<u>VALUE*</u>
Conductor Resistance (ohms/mft):	9
Impedance (ohms):	50
Capacitance (pF/ft):	31
Velocity of Propagation (%):	66
Attenuation (db/100 ft):	
50 MHz	2.8
100 MHz	4.1
200 MHz	6.0
500 MHz	9.0
900 MHz	13.6
1000 MHz	14.3

**Cable Cross-section:**

(NOT TO SCALE)



**Miscellaneous Information:**

Jacket Color: Black  
 Jacket Print (white): E100316-I 19 AWG TYPE CL2 (UL) RG 223/U COAX  
 LL53149 CSA CMG FT4  
 Applicable NEC Article: 725  
 Flame Rating: UL-1581 Vertical Tray Flame Test  
 CSA FT4 Vertical Flame Test  
 Approximate Weight (lb/1000 ft): 45

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

*The information presented here is, to the best of our knowledge, true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We reserve the right to review and modify all constructions to conform with the latest Regulatory requirement. We disclaim all liability in connection with the use of information contained herein or otherwise. This specification is propriety intellectual property of COLEMAN CABLE. Any information contained herein shall not be disclosed to any party without written consent of COLEMAN CABLE.*

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

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

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

Issued: 12/26/02  
 Ref: 991783

\* = Nominal value  
 By: PMV