



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
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PART NUMBER: 991079-xx-08

DESCRIPTION: RG-223/U COAXIAL CABLE

RATING: UL LISTED AS CL2X and
RECOGNIZED COMPONENT AWM STYLE 1354

REFERENCE: UL Listed as CL2X, UL Recognized Compliant AWM Style
1354

Construction Parameters:

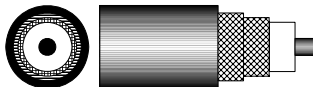
		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	19 AWG (1/.035) Silver Plated Copper		0.035
Dielectric:	Solid Polyethylene color natural	0.041	0.116
1 st Shielding:	95% Silver Plated Copper Braid		0.138
2 nd Shielding:	95% Silver Plated Copper Braid		0.160
Jacket:	Type II PVC (Non-contaminating Vinyl)	0.026	0.212

Electrical Properties:

	<u>VALUE*</u>
Conductor Resistance (Ohms/kft):	8
Impedance (ohms):	50
Capacitance (pF/ft):	30.8
Velocity of Propagation (%):	66
Attenuation (Max. 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): COLEMAN CABLE RG 223 TYPE CL2X 19 AWG (UL) E100316 OR AWM
1354

Flame Rating: UL-1581 VW-1 Vertical Flame Test

Max. Temperature Rating: 75 °C

Maximum Operating Volts: 30 V RMS MAX.

Approx. Weight (lb/1000 ft): 37

Company Name: _____

Customer Approval: _____

Date: _____

This 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: PMV