



Southwire[®]
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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): SOUTHWIRE © 990179 RG 223/U 19 AWG TYPE CL2X 75 DEG C (UL)
 E57497 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 2011/65/EU (RoHS-2)

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 SOUTHWIRE. Any information contained herein shall not be disclosed to any party without written consent of SOUTHWIRE.

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* = Nominal value
 By: RBC