



Southwire[®]
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PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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PART NUMBER: 991069-xx-08
DESCRIPTION: RG174/U COAXIAL CABLE WITH 26AWG 88% BRAID
RATING: UL RECOGNIZED COMPONENT AWM STYLE 1354

Construction Parameters:

		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	26 AWG (7/.0063) Stranded Copper Clad Steel		0.019
Dielectric:	Solid Polyethylene color natural	0.021	0.060
Shielding:	88% Tinned Copper Braid		0.078
Jacket:	PVC	0.011	0.100

Electrical Properties:


	<u>VALUE*</u>
Impedance (ohms):	50
Capacitance (pF/ft):	30.8
Velocity of Propagation (%):	66
Attenuation (Max db/100 ft):	
50 MHz	6.6
100 MHz	8.8
200 MHz	11.9
500 MHz	17.5
900 MHz	28.2
1000 MHz	30.2

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color: Black
 Jacket Print (White): E96824 RG 174/U  AWM STYLE 1354 80C
 Flame Rating: UL 1581 VW-1 Vertical Flame Test
 Max. Temperature Rating: 80° C
 Maximum Operating Volts: 30 V RMS MAX.
 Approx. Weight (lb/1000 ft): 8

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 ± 10% of total order requested.

This product complies with European Directive 2002/95/EC (RoHS) production dated after 8/21/2006

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* = Nominal value
 By: PEP