



Southwire®
WE DELIVER POWER... RESPONSIBLY*

PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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Waukegan, IL 60085
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PART NUMBER: 991049-xx-08 (Black) ; 991049-xx-09 (Gray)
DESCRIPTION: RG-58A/U COAXIAL CABLE WITH 95% TC BRAID AND PVC JACKET
RATING: UL LISTED AS CL2
UL RECOGNIZED COMPONENT AWM STYLE 1354

Construction Parameters:

		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	20 AWG (19/32) Tinned Copper		0.040
Dielectric:	Foam Polyethylene color natural	0.037	0.114
Shielding:	95% Tinned Copper Braid		0.136
Jacket:	PVC (Black, or Gray)1049	0.031	0.198

Electrical Properties:

	<u>VALUE*</u>
Impedance (ohms):	50
Capacitance (pF/ft):	26
Velocity of Propagation (%):	78
Attenuation** (db/100 ft):	
50 MHz	3.2
100 MHz	4.5
200 MHz	6.4
400 MHz	9.0
700 MHz	12.0
900 MHz	13.8
1000 MHz	14.5
2000 MHz	24.5

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color: Black
Jacket Print (Aqua/Teal): SOUTHWIRE® 991049 RG 58 A/U 20 AWG TYPE CL2 60 C (UL)
E57497 OR AWM 1354 XXXXXXXX WO# = XXXXXXX
Flame Rating: UL 1581 Vertical Tray Flame Test
Max. Temperature Rating: 60° C
Maximum Operating Volts: 30 V RMS MAX.
Applicable NEC Article: 725
Approximate Weight (lb/1000 ft): 26

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.

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* = Nominal value
By: PEP

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