



Southwire[®]
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PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive
 Waukegan, IL 60085
 Toll-Free (800) 323-9355
 Fax: (847) 689-1192

PART NUMBER: 991045-xx-08
DESCRIPTION: RG-58 A/U COAXIAL CABLE
RATINGS: UL LISTED AS CL2
 UL RECOGNIZED COMPONENT AWM STYLE 1354

Construction Parameters:

		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	21 AWG (19/33) Stranded Tinned Copper		0.035
Dielectric:	Solid Polyethylene color natural	0.040	0.114
Shielding:	95% Tinned Copper Braid		0.136
Jacket:	PVC	0.030	0.196

Electrical Properties:

	<u>VALUE*</u>
Conductor Resistance (ohms/Kft)	9.5
Impedance (ohms):	50 + - 3
Capacitance (pF/ft):	30.8
Velocity of Propagation (%):	66
Attenuation (Max db/100 ft):	
50 MHz	3.3
100 MHz	4.9
200 MHz	7.3
400 MHz	11.5
900 MHz	20.0

Cable Cross-section: (NOT TO SCALE)



Miscellaneous Information:

Jacket Color: Black
 Jacket Print: SOUTHWIRE 991045 RG 58 A/U 21 AWG (ETL)us 3020465 TYPE CL2 60C
 - XX/XX/XX (MONTH/DAY/YEAR) XXXXXX (W/O#)

Applicable NEC Article: 725
 Flame Rating: UL 1581 Vertical Tray Flame Test
 Approx. Weight (lb/1000 ft): 26

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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Company Name: _____

Customer Approval: _____

Date: _____

Issued: 11/28/12
 10/11/16

* = Nominal value

By: RBC
 By: MS