



Southwire[®]
 WE DELIVER POWER... RESPONSIBLY*

PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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

PART NUMBER: 921021

DESCRIPTION: RG-58A/U THINNET PLENUM COAXIAL CABLE WITH 95% BRAID

RATING: ETL LISTED AS CMP/CL2P and IEEE 802.3

Construction Parameters:

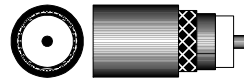
		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	20 AWG (19/32) Stranded Tinned Copper		0.035
Dielectric:	Foam FEP color natural	0.0335	0.102
Shielding:	Aluminum/Polyester/Aluminum Foil with 95% Tinned Copper Braid		0.127
Jacket:	Low Smoke PVC	0.019	0.165

Electrical Properties:

	<u>VALUE*</u>
Conductor Resistance (ohms/Kft):	9.5
Impedance (ohms):	50
Capacitance (pF/ft):	24.8
Velocity of Propagation (%):	82
Attenuation (db/100 ft):	
50 MHz	2.9
100 MHz	3.8
200 MHz	4.1
400 MHz	6.0
900 MHz	13.0
1000 MHz	15.3

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Flame Rating:	UL 910 Steiner Tunnel Smoke and Flame Test
Jacket Color:	Natural
Jacket Print:(Teal/Aqua):	SOUTHWIRE 921021 20 AWG RG 58 A/U TYPE CMP/CL2P C(ETL)US
ASCENDING/DESCENDING FOOTAGE MARKING	3020465 CMP FT6 1EEE 802.3
Applicable NEC Article:	725
Approximate Weight (lb/1000 ft):	30

*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)*

Issued: 04/11/07

* = Nominal value

By: PEP