



# PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive  
Waukegan, IL 60085  
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**PART NUMBER:** 991039-xx-08  
**DESCRIPTION:** RG-58/U TYPE COAXIAL CABLE WITH 80% BC BRAID  
**RATING:** UL RECOGNIZED COMPONENT AWM STYLE 1354

### Construction Parameters:

		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	20 AWG (1/.032) Solid Bare Copper		0.032
Dielectric:	Solid Polyethylene color natural	0.042	0.116
Shielding:	80% Copper Braid		0.138
Jacket:	PVC	0.029	0.195

### Electrical Properties:


	<u>VALUE*</u>
Impedance (ohms):	53.5
Capacitance (pF/ft):	28.5
Velocity of Propagation (%):	66
Conductor Resistance(ohms/kft):	10.1
Attenuation** (db/100 ft):	
50 MHz	3.0
100 MHz	4.4
200 MHz	6.0
400 MHz	8.5
900 MHz	13.0

### Cable Cross-section:

(NOT TO SCALE)



### Miscellaneous Information:

Jacket Color: Black  
 Jacket Print (Teal/Aqua): CCI 991039 RG 58/U TYPE E96824-I  AWM STYLE 1354 WO#  
 ASCENDING/DESCENDING: XXXXXX  
 FOOTAGE MARKING:  
 Flame Rating: UL-1581 VW-1 Vertical Flame Test  
 Max. Temperature Rating: 60° C  
 Max. Voltage Rating: 30 RMS  
 Approximate Weight (lb/1000 ft): 24

*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.*

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

Company Name: \_\_\_\_\_

Customer Approval: \_\_\_\_\_

Date: \_\_\_\_\_

Issued: 5/15/06

\* = Nominal value  
By: PEP