



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 \pm 10% of total order requested.

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Company Name: _____

Customer Approval: _____

Date: _____

Issued: 5/15/06

* = Nominal value

By: PEP