



**PRODUCT DATA SHEET**

Controlled Document – Engineering Drive

1530 Shields Drive  
Waukegan, IL 60085  
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**PART NUMBER:** 991920  
**DESCRIPTION:** RG-8 MINI COAXIAL CABLE WITH 95% BRAID  
**RATINGS:** UL LISTED AS CL2 AND  
UL RECOGNIZED COMPONENT AWM STYLE 1354  
CSA CERTIFIED AS CMH FT1

**Construction Parameters:**

|             |                                 | <u>Wall (in)*</u> | <u>OD (in)*</u> |
|-------------|---------------------------------|-------------------|-----------------|
| Conductors: | 19/.0117 Stranded Tinned Copper |                   | 0.056           |
| Dielectric: | Foam Polyethylene color natural | 0.0495            | 0.155           |
| Shielding:  | 95% Tinned Copper Braid         |                   | 0.177           |
| Jacket:     | PVC                             | 0.0325            | 0.242           |

**Electrical Properties:**

|                              | <u>VALUE*</u> |
|------------------------------|---------------|
| Impedance (ohms):            | 50            |
| Capacitance (pF/ft):         | 27            |
| Velocity of Propagation (%): | 80            |
| Attenuation (Max db/100 ft): |               |
| 50 MHz                       | 2.5           |
| 100 MHz                      | 3.7           |
| 200 MHz                      | 5.4           |
| 400 MHz                      | 8.0           |
| 900 MHz                      | 12.8          |

**Cable Cross-section:**

(NOT TO SCALE)



**Miscellaneous Information:**

Jacket Color: Black  
Jacket Print: CCI 991920 E100316-H RG 8X MINI COAX 17 AWG TYPE CL2 (UL) OR  
(Print color: Blue) AWM 1354 LL53149 CSA CMH FT1 - XXXXXX (W/O#)  
Flame Rating: UL-1581 Vertical Tray Flame Test  
CSA FT1 Vertical Flame Test  
Applicable NEC Article: 725  
Max. Operating Volts: 30 RMS  
Max. Operating Temperature: 60° C  
Approx. Weight (lb/1000 ft): 37

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  $\pm 10\%$  of total order requested.

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\* = Nominal value  
By: RBC