



# PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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**PART NUMBER:** 292075-08

**DESCRIPTION:** RG-59/U COAXIAL CABLE WITH 95% COPPER BRAID

**RATING:** UL LISTED AS CL2 AWM 1354  
CSA LISTED AS CSA CMG FT4

## Construction Parameters:

|             |                                   | <u>Wall (in)*</u> | <u>OD (in)*</u> |
|-------------|-----------------------------------|-------------------|-----------------|
| Conductors: | 20 AWG (1/.032) Solid Bare Copper |                   | 0.032           |
| Dielectric: | Foam Polyethylene color natural   | 0.057             | 0.146           |
| Shielding:  | 95% Solid Bare Copper Braid       |                   | 0.174           |
| Jacket:     | PVC                               | 0.034             | 0.242           |

## Electrical Properties:

|                              | <u>VALUE*</u> |
|------------------------------|---------------|
| Impedance (ohms):            | 75            |
| Capacitance (pF/ft):         | 16.5          |
| Velocity of Propagation (%): | 80            |
| Attenuation** (db/100 ft):   |               |
| 50 MHz                       | 1.8           |
| 100 MHz                      | 2.5           |
| 200 MHz                      | 3.4           |
| 400 MHz                      | 5.4           |
| 700 MHz                      | 6.9           |
| 1000 MHz                     | 8.2           |

## Cable Cross-section:

(NOT TO SCALE)



## Miscellaneous Information:

Jacket Color: Black  
Jacket Print (Blue/Aque): E100316-I 20 AWG RG 59/U TYPE CL2 (UL) OR AWM STYLE 1354  
(Ascending/Descending footage marking) LL53149 CSA CMG FT4 XXXXXX XXXXXX = WO#  
Flame Rating: UL-1581 Vertical Tray Flame Test  
Max. Operating Temperature: 75° C  
Applicable NEC Article: 725  
Approx. Weight (lb/1000 ft): 35

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: 06/15/11

\* = Nominal value  
By: RBC