



# PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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**PART NUMBER:** 99510

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

**RATING:** ETL LISTED AS CM/CL2

## 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% Braid                         |                   | 0.168           |
| Jacket:     | PVC                               | 0.034             | 0.236           |

## Electrical Properties:

|                              | <u>VALUE*</u> |
|------------------------------|---------------|
| Impedance (ohms):            | 75            |
| Capacitance (pF/ft):         | 17            |
| Velocity of Propagation (%): | 78            |
| 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 or White  |
| Jacket Print (White):        | CCI 99510 RG59 20 AWG BC 95% BRD TYPE CM OR CL2 (ETL) 3020465 |
| (Sequentially footprinted)   | 75C SUN RES (Month/Day/Year) XXXXXX (w/o#)                    |
| Flame Rating:                | UL-1581 Vertical Tray Flame Test                              |
| Max. Operating Temperature:  | 75° C   |
| Applicable NEC Article:      | 725   |
| Approx. Weight (lb/1000 ft): | 24  |

This product complies with European directive 2011/65/EU (RoHS-2)

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: 1/18/13

\* = Nominal value  
By: PEM