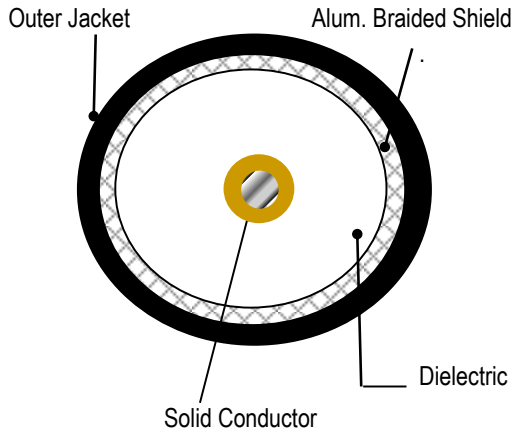


# COMMODITY CABLES, INC.

RG59/U COPPER CLAD STEEL, 40% ALUM. PVC CATV 75 OHM COAXIAL CABLE

## Cross Section



## Part No.: 59CCSCMxx



## Performance

| Mhz  | Attenuation |         |
|------|-------------|---------|
|      | db/100ft    | db/100m |
| 50   | 2.00        | 6.56    |
| 100  | 2.90        | 9.51    |
| 200  | 4.80        | 15.74   |
| 400  | 5.60        | 18.37   |
| 700  | 7.60        | 24.93   |
| 1000 | 9.30        | 30.50   |

## Description

|                       |  |
|-----------------------|--|
| Rated Temperature(°C) | 75°  |
| Product Rating        | CM/CL2/CATV  |
| Flammability Test     | PVC  |
| Application           | Digital, Analog, CATV, Satellite, Off-Air, Broadband Communication |
| Reference Standard    | NEC Article 800 and 820 Compliance                                 |

## Electrical Properties

SRL Sweep Tested to 1.0 GHz. <= -20 dB  
 Impedance: 75.0 +/- -3.0 Ohms  
 Velocity of Propagation: 85.0% Nominal  
 Maximum Attenuation: @ 68 F (20° C)

|   |                                   |
|---|-----------------------------------|
| Jacket                                  | UV Protection Flame Retardant PVC |
| Nom. Outer Diameter (in.) (+/- 0.0004") | 0.182in.                          |
| Nominal Impedance                       | 75ohm                             |

## Construction

|  |   |
|--|---|
| Conductor                                | Solid Copper Clad Steel   |
| AWG                                      | 22awg.  |
| Conductor Dia.(in.) (+/- 0.0004")        | 0.025 in.   |
| Dialectric Material                      | Gas Injected PE   |
| Outer Diameter (in.) (+/- 0.0004")       | 0.146in.  |
| Dialectric Strength: Conductor to Shield | 3 seconds @ 2500V   |
| Shields Number                           | 2   |
| 1st                                      | Alum. PET- Aluminum Tape with Overlap (>=15%)<br>Bonded to the dielectric, tape contains min. of 0.00035"<br>(0.009mm) Al. Layer. |
| 2nd                                      | 36awg. Alum. Wire Braid, Min. Braid Angle=13.5°, min.<br>coverage = 40%   |

## Jacket Color

|          |       |
|----------|-------|
| Standard | Black |
|----------|-------|

## Standard Packaging



Wooden Reel  
 Weight: 24lbs.

\*All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%.

It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice.