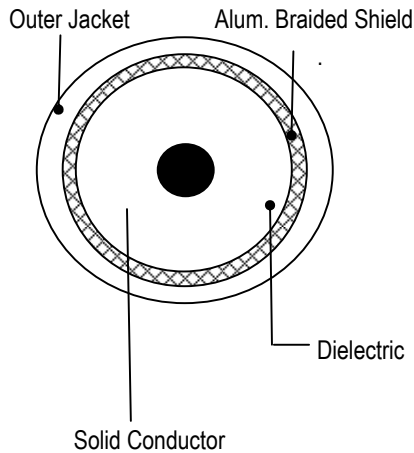


COMMODITY CABLES, INC.

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

Cross Section



Marking

E#, RG59, 22awg, Copper Clad Steel, 40% Alum. Braid, 75°C (UL)C(UL) CM/CL2/CATV, feet marking, Commodity Cables, Model #

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

Construction

Conductor Solid Copper Clad Steel

AWG 22awg.

Conductor Dia.(in.) (+/- 0.0004") 0.025 in.

Dielectric Material Gas Injected PE

Outer Diameter (in.) (+/- 0.0004") 0.146in.

Dielectric Strength: Conductor to Shield 3 seconds at 2500 V.

Shields Number 2

Coverage 1st Alum. PET- Aluminum Tape with Overlap (>=15%) Bonded to the dielectric, tape contains min. of 0.00035" (0.009mm) Al. Layer.

2nd 36awg. Alum. Wire Braid, Min. Braid Angle=13.5°, min. coverage = 40%

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

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

Color

Jacket colors:

Standard Black

Standard Packaging



Wooden Reel
 Weight: 24lbs.

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