

RG59 CATV

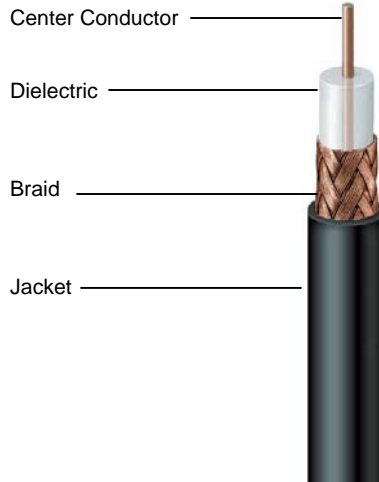
75 Ohm Coaxial Cable

Catalog #5563

Non-Plenum: CM(UL)C(UL)CMH

CABLE CONSTRUCTION:

- CENTER CONDUCTOR:**
 23 AWG Copper Clad Steel (40% Cond.)
 Nom. Dia: 0.0226"
- DIELECTRIC:**
 Solid Polyethylene
 Dia. over Dielectric: 0.146" Nom.
- SHIELD:**
 Braid: 34 AWG Bare Copper
 95% Coverage
 Nom. Dia. 0.175"
- JACKET:**
 FR PVC
 Dia. over Jacket: 0.242" +/- 0.007"
 Nominal Jacket Thickness: 0.034"
 Minimum Spot: 0.025"



ELECTRICAL PROPERTIES:

- SPARKER TEST:** 4000 VAC
- DIELECTRIC STRENGTH:** Conductor to Shield: 2000 VDC
- CAPACITANCE:** 21.0 pF./FT. Nom.
- IMPEDANCE:** 75.0 +/- 3.0 Ohms
- VELOCITY OF PROPAGATION:** 66.0% Nom.
- DCR: Conductor:** 47.0 Ohms/1000 Ft. Nom.
- Shield:** 2.7 Ohms/1000 Ft.
- SRL:** 20dB (10 thru 300 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

- MINIMUM BEND RADIUS:**
 Loaded: 20 Times Cable OD
 Unloaded: 10 Times Cable OD
- CABLE TEMP. RATING:**
 Temp: 75°C

ATTENUATION:

dB/100 FT. (NOM.)	@ FREQUENCY MHz
0.39 dB	1 MHz
1.06 dB	10 MHz
2.46 dB	50 MHz
3.49 dB	100 MHz
5.09 dB	200 MHz
7.54 dB	400 MHz
10.54 dB	700 MHz
12.28 dB	900 MHz
13.03 dB	1000 MHz