

RG59 TYPE

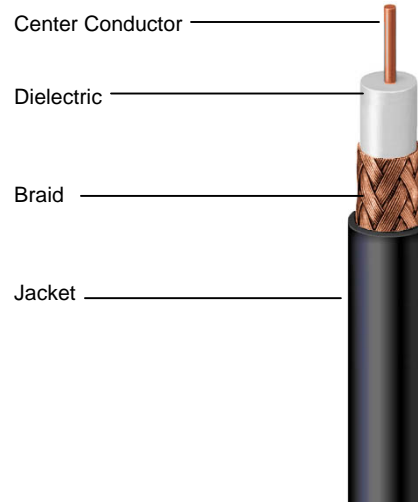
75 Ohm Coaxial Cable

Catalog #5553

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

CABLE CONSTRUCTION:

- CENTER CONDUCTOR:**
20 AWG Bare Copper
- DIELECTRIC:**
Foam Polyethylene
Dia. over Dielectric: 0.144" Nom.
- SHIELD:**
Braid: 36 AWG Bare Copper
93% Coverage
Nom. Dia. 0.168"
- JACKET:**
FR PVC
Dia. over Jacket: 0.242" +/- 0.008"
Nominal Jacket Thickness: 0.037"
Minimum Spot: 0.030"



ELECTRICAL PROPERTIES:

- SPARKER TEST:** 4000 VAC
- DIELECTRIC STRENGTH:** Conductor to Shield: 2000 VDC
- CAPACITANCE:** 16.7 pF./FT. Nom.
- IMPEDANCE:** 75.0 +/- 3.0 Ohms
- VELOCITY OF PROPAGATION:** 82.0% Nom.
- DCR:** Conductor: 10.5 Ohms/1000 FT.
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: 60°C

ATTENUATION:

dB/100 FT. (NOM.)	@ FREQUENCY MHz
0.30 dB	1 MHz
0.84 dB	10 MHz
1.88 dB	50 MHz
2.71 dB	100 MHz
3.94 dB	200 MHz
5.85 dB	400 MHz
8.42 dB	700 MHz
9.83 dB	900 MHz
10.20 dB	1000 MHz