

RG-59 CATV Direct Burial

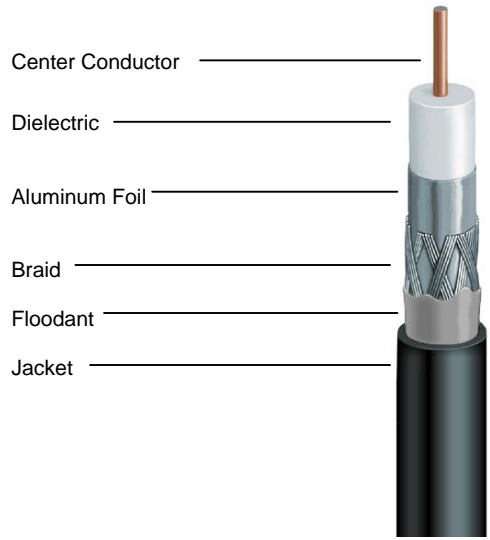
75 Ohm Coaxial Cable

Catalog #5574

Non-Plenum:

CABLE CONSTRUCTION:

- CENTER CONDUCTOR:**
 20 AWG Copper Clad Steel
- DIELECTRIC:**
 Foam Polyethylene
 Diameter over Dielectric: 0.144" Nom.
- SHIELD:**
 Foil: Bonded Aluminum/Polyester Tape
 100% Coverage
 Braid: 34 AWG Aluminum
 67% Coverage
 Nom. Diameter 0.177"
- JACKET:**
 Black Polyethylene Flooded
 Diameter over Jacket: 0.240" +/- 0.008"
 Nominal Jacket Thickness: 0.032"
 Minimum Spot: 0.021"



ELECTRICAL PROPERTIES:

- SPARKER TEST:** 4000 VAC
- DIELECTRIC STRENGTH:** Conductor to Shield: 2000 VDC
- CAPACITANCE:** 16.0 pF./Ft. Nom.
- IMPEDANCE:** 75.0 +/- 3.0 Ohms
- VELOCITY OF PROPAGATION:** 82.0% Nom.
- DCR:** Conductor: 48.2 Ohms/1000 Ft. Nom.
 Shield: 10.5 Ohms/1000 Ft.
- SRL:** 20dB (10 thru 300 MHz) 100% Sweep 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
.58 dB	1 MHz
.89 dB	10 MHz
1.81 dB	50 MHz
2.48 dB	100 MHz
3.43 dB	200 MHz
4.88 dB	400 MHz
6.56 dB	700 MHz
7.48 dB	900 MHz
7.91 dB	1000 MHz