

RG6 CATV

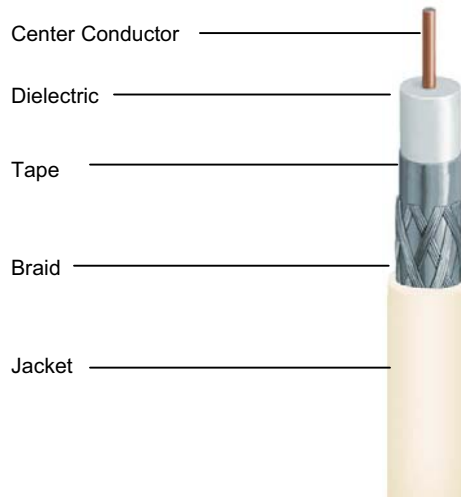
75 Ohm Coaxial Cable

Catalog # 2275V & 2275K

NEC/CEC: CMP(ETL)C(ETL)

CABLE CONSTRUCTION:

- CENTER CONDUCTOR:**
 18 AWG Copper-Clad Steel
- DIELECTRIC:**
 Foam FEP
 Dia. over Dielectric: 0.170" Nom.
- SHIELD:**
 Tape: Aluminum/Poly
 Braid: 34 AWG Aluminum
 Nominal 60% Coverage
 Nom. Dia. 0.205"
- JACKET:**
 Plenum PVC or Kynar (PVDF)
 Dia. over Jacket: 0.239" +/- 0.006"
 Nominal Jacket Thickness: 0.015"
 Minimum Spot: 0.010"



ELECTRICAL PROPERTIES:

- SPARKER TEST:** 2500 VAC
- DIELECTRIC STRENGTH:** Conductor to Shield: 2000 VDC
- CAPACITANCE:** 15.5 pF./FT. Nom.
- IMPEDANCE:** 75.0 +/- 3.0 Ohms
- VELOCITY OF PROPAGATION:** 84.0% Nom.
- DCR:** Conductor: 28.6 Ohms/1000 FT.
 Shield: 9.00 Ohms/1000 FT.
- SRL:** 20dB (5 thru 1000 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

- MINIMUM BEND RADIUS:**
 Loaded: 20 Times Cable OD
 Unloaded: 10 Times Cable OD
- CABLE TEMP. RATING:**
 Temp: 125°C = K
 60°C = V

ATTENUATION:

dB/100 FT. (NOM.)	@ FREQUENCY MHz
0.38 dB	1 MHz
0.70 dB	10 MHz
1.48 dB	50 MHz
2.01 dB	100 MHz
2.86 dB	200 MHz
4.23 dB	400 MHz
5.96 dB	700 MHz
6.96 dB	900 MHz
7.45 dB	1000 MHz
9.34 dB	1450 MHz
10.69 dB	1800 MHz
11.54 dB	2200 MHz

