

# RG6

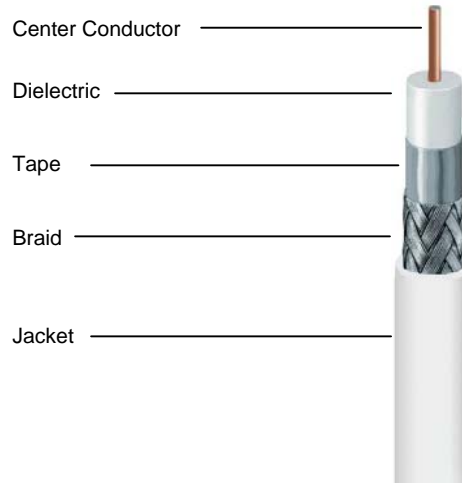
## 75 Ohm Coaxial Cable

### Catalog #2276V

#### Plenum: CMP(ETL)c(ETL)

#### CABLE CONSTRUCTION:

- CENTER CONDUCTOR:**  
18 AWG Copper/Steel
- DIELECTRIC:**  
Foam FEP  
Dia. Over Dielectric: 0.170" Nom.
- SHIELD:**  
Tape: Aluminum/Poly  
90% Coverage  
Braid: 34 AWG Aluminum  
Nom. Dia. 0.205"
- JACKET:**  
Plenum PVC  
Dia. Over Jacket: 0.237" +/- 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:** 16.0 pF./Ft Nom
- IMPEDANCE:** 75.0 +/- 3.0 Ohms
- VELOCITY OF PROPAGATION:** 84.0%
- DCR:** Coax Conductor: 28.6 Ohms/1000 Ft. Nom.
- Shield: 6.4 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: 75°C

#### 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