



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

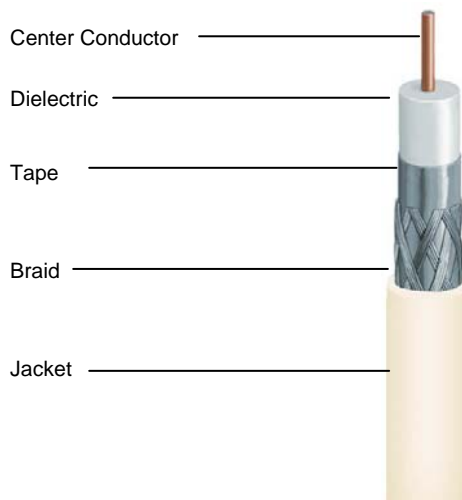
Diameter over Dielectric: 0.170" Nom.

SHIELD:

Tape: Aluminum/Poly
 Braid: 34 AWG Aluminum
 Nominal 60% Coverage
 Nominal Diameter: 0.205"

JACKET:

Plenum PVC or Kynar (PVDF)
 Diameter 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%
 DCR: Conductor: 28.6 Ohms/1000 Ft. Nom.
 Shield: 9.00 Ohms/1000 Ft. Nom.
 SRL: 20dB (5 thru 1000 MHz) 100% Swept Tested
 15dB (1000 thru 3000 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

Cable Weight/kft: K = 27 lbs
 V = 26 lbs
MINIMUM BEND RADIUS:
 Loaded: 20 Times Cable OD
 Unloaded: 10 Times Cable OD
CABLE TEMPERATURE RATING:
 Temp: K = 125°C
 Temp: V = 60°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
9.34 dB	1450 MHz
10.69 dB	1800 MHz
11.54 dB	2200 MHz
13.07 dB	3000 MHz

