

RG6 CATV

75 Ohm Coaxial Cable

Catalog # 2275V & 2275K

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

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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"

Center Conductor

Dielectric

Tape

Braid

Jacket



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