

RG-6 QUAD Copper 75 Ohm Coaxial Cable Catalog #2229K and 2229V Plenum: CMP(ETL) c(ETL)

CABLE CONSTRUCTION:

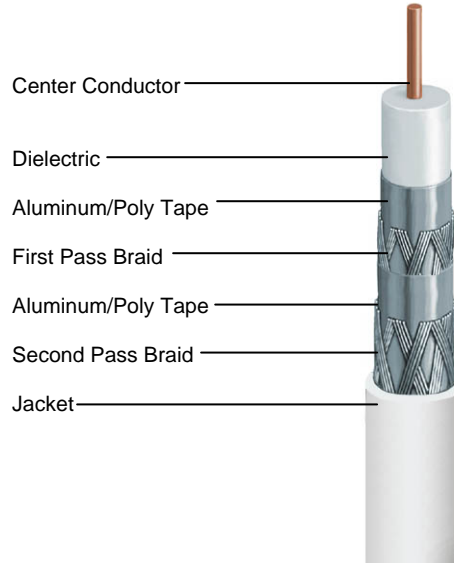
CENTER CONDUCTOR:
 18 AWG Solid Copper
 Nom. Dia: .0403"

DIELECTRIC:
 Foam FEP
 Dia. over Dielectric: 0.170" Nom.

INNER SHIELD:
 Foil: Aluminum/Poly Tape
 Braid: 34 AWG Aluminum
 60% Coverage
 Nom. Dia. 0.202"

OUTER SHIELD:
 Foil: Aluminum/Poly Tape
 Braid: 34 AWG Aluminum
 40% Coverage
 Nom. Dia. 0.232"

JACKET:
 Flame Retardant-PVC
 Dia. over Jacket: 0.260" +/- 0.004"
 Nominal Jacket Thickness: 0.016"
 Minimum Spot: 0.012"



ELECTRICAL PROPERTIES:

SPARKER TEST: 2500 VAC

DIELECTRIC STRENGTH: Conductor to Shield: 2000 VDC

CAPACITANCE: 15.5 pF./Ft Nom

IMPEDANCE: 75.0 +/- 5.0 Ohms

VELOCITY OF PROPAGATION: 84.0% Nom.

DCR: Conductor: 6.4 Ohms/1000 Ft. Nom.

Shield: 5.30 Ohms/1000 Ft. Nom.

SRL: 25dB (5 thru 50 MHz) 100% Swept Tested
 20dB (50 thru 1000 MHz) 100% Swept Tested
 15dB (1000 thru 3000 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

Cable Weight/kft: K = 30 lbs
 V = 30 lbs

MINIMUM BEND RADIUS:
 Loaded: 20 Times Cable OD
 Unloaded: 10 Times Cable OD

CABLE TEMPERATURE RATING:
 Temp: K = 125°C
 Temp: V = 75°C

ATTENUATION:

dB/100 FT. (NOM.)	@ FREQUENCY MHz
0.26 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
11.54 dB	2200 MHz
13.07 dB	3000 MHz