

RG-6 Quad Shield High Frequency Satellite Cable 75 Ohm Coaxial Cable Part # V621Q NEC/CEC: TYPE CM(ETL) C(ETL)

CABLE CONSTRUCTION:

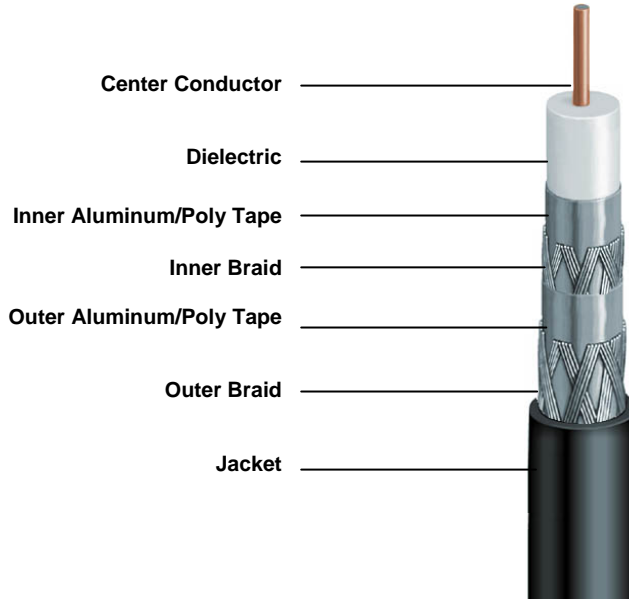
CENTER CONDUCTOR:
 18 AWG Solid Bare Copper
 Nominal Diameter: 0.0403"

DIELECTRIC:
 Foam Polyethylene
 Diameter over Dielectric: 0.180" Nom.

INNER SHIELD:
 Foil: Aluminum/Poly Tape
 Braid: 34 AWG Aluminum
 Nominal 55% Coverage
 Nominal Diameter 0.206"

OUTER SHIELD:
 Foil: Aluminum/Poly Tape
 Braid: 34 AWG Aluminum
 Nominal 35% Coverage
 Nominal Diameter 0.230"

JACKET:
 PVC
 Diameter over Jacket: 0.298" +/- 0.006"
 Nominal Jacket Thickness: 0.034"
 Minimum Spot: 0.024"



ELECTRICAL PROPERTIES:

SPARKER TEST: 2500 VDC
DIELECTRIC STRENGTH: Conductor to Shield: 2500 VDC
CAPACITANCE: 16.0 pF./FT. Nom.
IMPEDANCE: 75.0 +/- 5.0 Ohms
VELOCITY OF PROPAGATION: 82.0% Nom.
DCR: Conductor: 6.4 Ohms/1000 Ft. Nom.
SRL: 15 dB (5 thru 3000 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
0.25 dB	1 MHz
0.66 dB	10 MHz
1.41 dB	50 MHz
1.92 dB	100 MHz
2.64 dB	200 MHz
3.73 dB	400 MHz
5.05 dB	700 MHz
5.79 dB	900 MHz
6.11 dB	1000 MHz
6.73 dB	1200 MHz
7.49 dB	1450 MHz
8.43 dB	1800 MHz
9.35 dB	2200 MHz
9.97 dB	2500 MHz
10.92 dB	3000 MHz