

# RG-6 High Frequency Satellite Cable 75 Ohm Coaxial Cable Part # V621 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.
- SHIELD:**  
 Foil: Aluminum/Poly Tape  
 Braid: 34 AWG Aluminum  
 Nominal 55% Coverage  
 Nominal Diameter 0.206"
- JACKET:**  
 PVC  
 Diameter over Jacket: 0.270" +/- 0.006"  
 Nominal Jacket Thickness: 0.032"  
 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.  
 Shield: 11.0 Ohms/1000 Ft. Nom.
- SRL:** 100% Swept Tested

**MECHANICAL PROPERTIES:**

- MINIMUM BEND RADIUS:**  
 Loaded: 20 Times Cable OD  
 Unloaded: 10 Times Cable OD
- CABLE TEMP. RATING:**  
 Tempo: 75°C

**ATTENUATION:**

dB/100 FT. (NOM.)	@ FREQUENCY MHz
1.92 dB	100 MHz
3.73 dB	400 MHz
5.95 dB	950 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