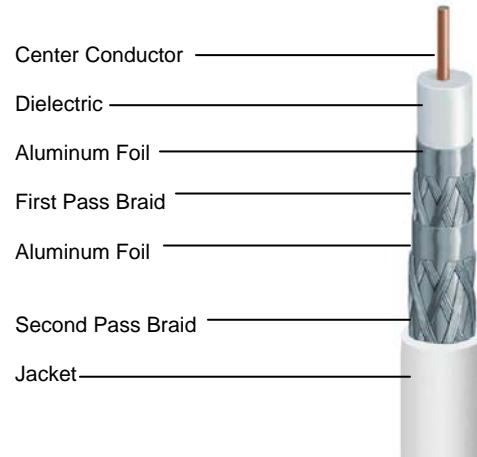


# RG-11 Quad Shield Copper 75 Ohm Coaxial Cable Catalog #2283K Plenum: CMP(ETL)C(ETL)

**CABLE CONSTRUCTION:**

- CENTER CONDUCTOR:**  
 14 AWG Bare Copper  
 Nom. Dia: 0.0641"
- DIELECTRIC:**  
 Foam FEP  
 Dia. over Dielectric: 0.280" Nom.
- INNER SHIELD:**  
 Foil: 0.002" Aluminum Tape  
 Braid: 34 AWG Aluminum  
 60% Coverage  
 Nom. Dia. 0.312"
- OUTER SHIELD:**  
 Foil: 0.002" Aluminum Tape  
 Braid: 34 AWG Aluminum  
 40% Coverage  
 Nom. Dia. 0.332"
- JACKET:**  
 Kynar Flex  
 Dia. over Jacket: 0.372" +/- 0.008"  
 Nominal Jacket Thickness: 0.020"  
 Minimum Spot: 0.016"



**ELECTRICAL PROPERTIES:**

- SPARKER TEST:** 2500 VAC
- DIELECTRIC STRENGTH:** Conductor to Shield: 4000 VDC
- CAPACITANCE:** 16.0 pF./Ft. Nom.
- IMPEDANCE:** 75.0 +/- 3.0 Ohms
- VELOCITY OF PROPAGATION:** 84.0% Nom.
- DCR: Conductor:** 2.9 Ohms/1000 Ft. Nom.
- Shield:** 3.9 Ohms/1000 Ft. Nom.
- SRL:** 20dB (5 thru 1000 MHz) 100% Swept Tested  
 15dB (1000 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: 125°C

**ATTENUATION:**

dB/100 FT. (NOM.)	@ FREQUENCY MHz
0.09 dB	1 MHz
0.45 dB	10 MHz
0.90 dB	50 MHz
1.28 dB	100 MHz
1.85 dB	200 MHz
2.75 dB	400 MHz
3.92 dB	700 MHz
4.72 dB	900 MHz
5.04 dB	1000 MHz
6.67 dB	1450 MHz
7.71 dB	1800 MHz
8.50 dB	2200 MHz
9.88 dB	3000 MHz