

RG11 QUAD 3 GHz

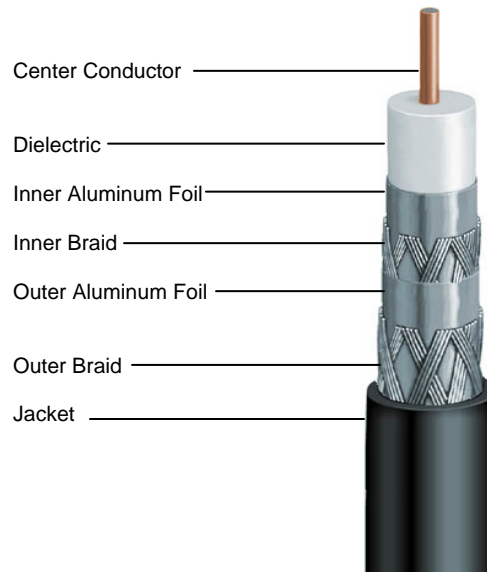
75 Ohm Coaxial Cable

Catalog #5940

Non-Plenum: CM(UL)C(UL)CMH

CABLE CONSTRUCTION:

- CENTER CONDUCTOR:**
 14 AWG Copper/Steel
 Nom. Dia: 0.0641"
- DIELECTRIC:**
 Foam Polyethylene
 Dia. over Dielectric: 0.280" Nom.
- INNER BRAID:**
 Foil: Aluminum Tape
 Braid: 34 AWG Aluminum
 60% Coverage
 Nom. Dia. 0.311"
- OUTER BRAID:**
 Foil: Aluminum Tape
 Braid: 34 AWG Aluminum
 40% Coverage
 Nom. Dia. 0.332"
- JACKET:**
 FR-PVC
 Dia. over Jacket: 0.405" +/-0.010"
 Nominal Jacket Thickness: 0.035"
 Minimum Spot: 0.028"



ELECTRICAL PROPERTIES:

- SPARKER TEST:** 5000 VAC
- DIELECTRIC STRENGTH:** Conductor to Shield: 4000 VDC
- CAPACITANCE:** 16.0 pF./FT. Nom.
- IMPEDANCE:** 75.0 +/- 2.0 Ohms
- VELOCITY OF PROPAGATION:** 84.0% Nom.
- DCR:** Conductor: 11.0 Ohms/1000 Ft. Nom.
 Shield: 3.70 Ohms/1000 Ft. Nom.
- SRL:** 22dB (1 thru 450 MHz) 100% Swept Tested
 20dB (450 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: 75°C

ATTENUATION:

DB/100 FT. (NOM.)	@ FREQUENCY MHz
0.17 dB	1 MHz
0.45 dB	10 MHz
0.89 dB	50 MHz
1.21 dB	100 MHz
1.68 dB	200 MHz
2.37 dB	400 MHz
3.27 dB	700 MHz
3.77 dB	900 MHz
3.95 dB	1000 MHz
4.46 dB	1200 MHz
5.08 dB	1450 MHz
5.58 dB	1800 MHz
6.29 dB	2200 MHz
7.58 dB	3000 MHz

