

# RG11 QUAD 3 GHz Riser

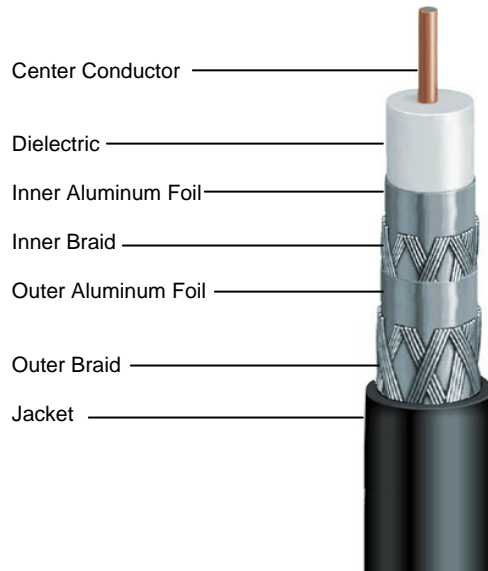
## 75 Ohm Coaxial Cable

### Catalog #5940R

#### Non-Plenum: CMR(UL)

#### 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" +/- .010"  
 Nominal Jacket Thickness: 0.038"  
 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 +/- 3.0 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:

- Cable Weight/kft:** 60 lbs
- MINIMUM BEND RADIUS:**  
 Loaded: 20 Times Cable OD  
 Unloaded: 10 Times Cable OD
- CABLE TEMP. RATING:**  
 Temp: 60°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



