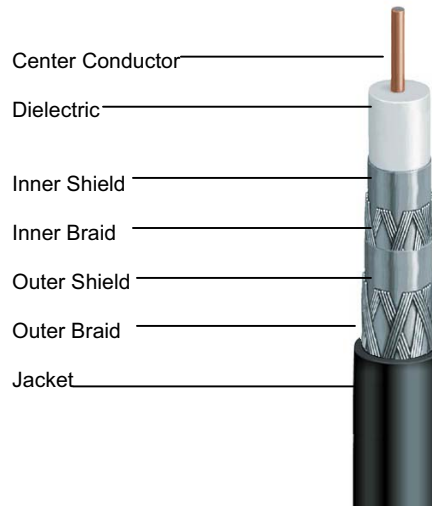


RG-6 QUAD SHIELD 75 Ohm Coaxial Cable Catalog #5740R NEC/CEC: CMR(UL)C(UL)CMG

CABLE CONSTRUCTION:

- CENTER CONDUCTOR:**
18 AWG Copper/Steel
Nom. Dia. 0.0403"
- DIELECTRIC:**
Foam Polyethylene
Dia. over Dielectric: 0.180" Nom.
- INNER SHIELD:**
Foil: 0.003" Aluminum Tape
Braid: 34 AWG 4-End Aluminum
60% Coverage
Nom. Dia. 0.212"
- OUTER SHIELD:**
Foil: 0.002" Aluminum Tape
Braid: 34 AWG 3-End Aluminum
40% Coverage
Nom. Dia. 0.232"
- JACKET:**
FR-PVC
Dia. over Jacket: 0.300" +/- 0.008"
Nominal Jacket Thickness: 0.033"
Minimum Spot: 0.024"



ELECTRICAL PROPERTIES:

- SPARKER TEST:** 4000 VAC
- DIELECTRIC STRENGTH:** Conductor to Shield: 2500 VDC
- CAPACITANCE:** 16.2 pF./Ft. Nom.
- IMPEDANCE:** 75.0 +/- 3.0 Ohms
- VELOCITY OF PROPAGATION:** 82.0% Nom.
- DCR: Conductor:** 28.6 Ohms/1000 Ft. Nom.
- Shield:** 4.90 Ohms/1000 Ft. Nom.
- SRL:** 20dB (5 thru 1000 MHz) 100% Sweep Tested
15dB (1000 thru 2200 MHz)

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
0.37 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

