

RG-6 QUAD SHIELD 75 Ohm Coaxial Cable Catalog # 5781 Non-Plenum: CMG(UL)C(UL)

CABLE CONSTRUCTION:

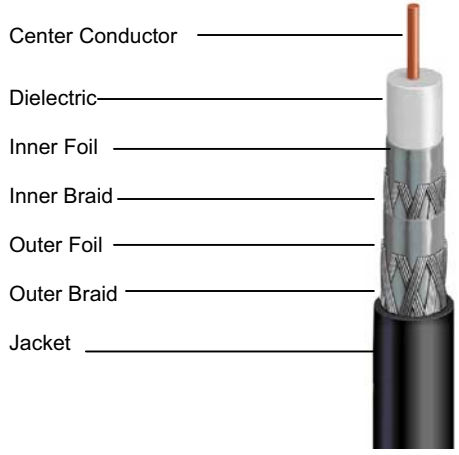
CENTER CONDUCTOR:
 18 AWG Solid Copper
 Nom. Dia: 0.0403"

DIELECTRIC:
 Foam Polyethylene
 Dia. over Dielectric: 0.180" Nom.

INNER SHIELD:
 Foil: 0.003" Aluminum Tape
 Braid: 34 AWG Aluminum
 60% Coverage
 Nom. Dia. 0.212"

OUTER SHIELD:
 Foil: 0.002" Aluminum Tape
 Braid 34 AWG 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:	16.0 pF./FT. Nom.
IMPEDANCE:	75.0 +/- 3.0 Ohms
VELOCITY OF PROPAGATION:	82.0% Nom.
DCR: Conductor:	6.4 Ohms/1000 FT. Nom.
SRL:	20 dB (5 thru 1000 MHz) 100% Swept Tested 15 dB (1000 thru 2200)

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
0.25 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

