

RG-6 3GHz

75 Ohm Coaxial Cable

Catalog # 5730G

NEC/CEC: CMG(UL)C(UL)

CABLE CONSTRUCTION:

CENTER CONDUCTOR:

18 AWG Copper/Steel
Nom. Dia: 0.0403"

DIELECTRIC:

Foam Polyethylene
Dia. over Dielectric: 0.180" Nom.

SHIELD:

Foil: Aluminum/Poly Tape
Braid: 34 AWG Aluminum
60% Coverage
Nom. Dia. 0.212"

JACKET:

FR-PVC
Dia. over Jacket: 0.272" +/- 0.008"
Nominal Jacket Thickness: 0.030"
Minimum Spot: 0.024"



ELECTRICAL PROPERTIES:

SPARKER TEST: 4000 VAC
DIELECTRIC STRENGTH: Conductor to Shield: 3000 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: 9.7 Ohms/1000 FT. Nom.
SRL: 20dB (950 thru 2200 MHz) 100% Swept Tested
 15dB (2200 thru 3000 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

Cable Weight/kft: 27 lbs
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
9.97 dB	2500 MHz
10.92 dB	3000 MHz