

RG-6 3GHz 75 Ohm Coaxial Cable Catalog # 5729G Non-Plenum NEC/CEC:CMG(UL) C(UL)

CABLE CONSTRUCTION:

CENTER CONDUCTOR:

18 AWG Solid Copper
Nom. Diameter: 0.0403"

DIELECTRIC:

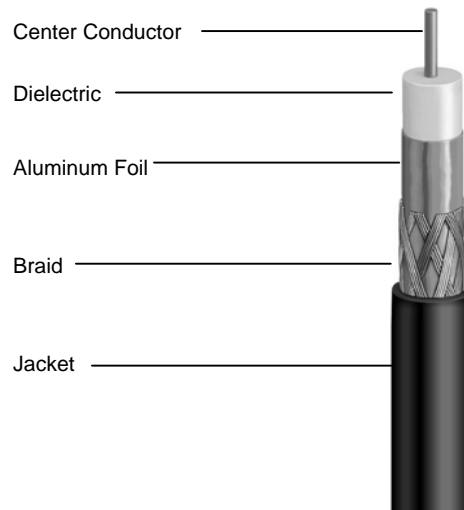
Foam Polyethylene
Diameter over Dielectric: 0.180" Nom.

SHIELD:

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

JACKET:

FR-PVC
Diameter 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:

16.0 pF./FT. Nom.

IMPEDANCE:

75.0 +/- 3.0 Ohms

VELOCITY OF PROPAGATION:

82.0% Nom.

DCR: Conductor:

6.4 Ohms/1000 Ft. Nom.

Shield:

8.75 Ohms/1000 Ft. Nom.

SRL:

20 dB (5 thru 300 MHz) 100% Swept Tested

15 dB (950 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
0.25 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
9.97 dB	2500 MHz
10.92 dB	3000 MHz