

RG-6 2500-MHz

75 Ohm Coaxial Cable

Catalog # 5774

NEC/CEC:

CABLE CONSTRUCTION:

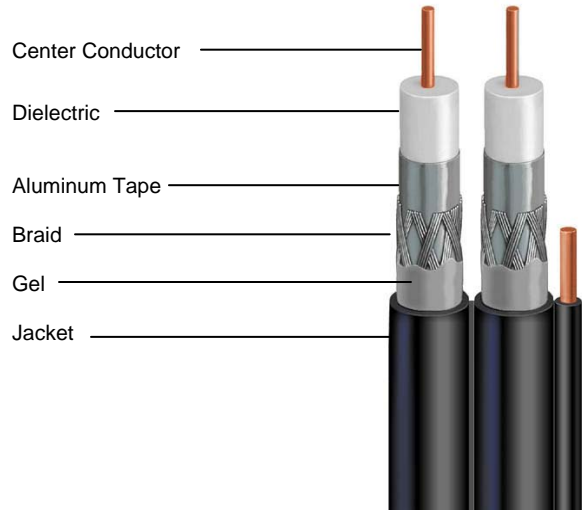
CENTER CONDUCTOR:
 18 AWG Bare Copper
 Nom. Dia: 0.0403"

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

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

GROUND:
 17 AWG CU/Steel
 Nom. Dia: 0.0453"

JACKET:
 Polyethylene with water blocking gel
 Dia. over Jacket: 0.272" +/- 0.008"
 Nominal Jacket Thickness: 0.030"
 Minimum Spot: 0.024"
 Web Height: 0.030" Nom.
 Web Width: 0.015" Nom.
 Overall Width: 0.709" Nom.


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: 84.0% Nom.

DCR: Conductor: 6.5 Ohms/1000 Ft. Nom.
 Shield: 9.7 Ohms/1000 Ft. Nom.

SRL: 20 dB (5 thru 1000 MHz) 100% Swept Tested
 15 dB (1000 thru 2500 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

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
0.37 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
9.46 dB	2250 MHz
9.99 dB	2500 MHz