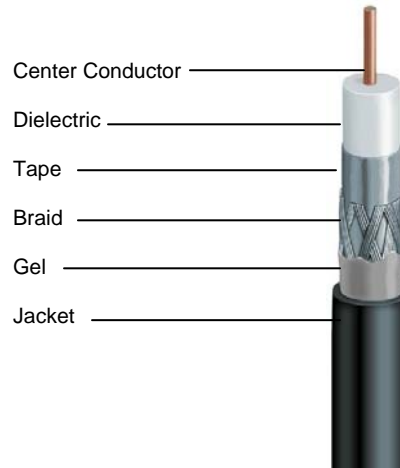


RG-6 3 GHz 75 Ohm Coaxial Cable Catalog # 5738 NEC/CEC:

CABLE CONSTRUCTION:

- CENTER CONDUCTOR:**
 18 AWG Copper/Steel
 Nom. Dia: 0.0403"
- DIELECTRIC:**
 Foam Polyethylene
 Dia. over Dielectric: 0.180" Nom.
- SHIELD:**
 Tape: Aluminum/Polyester
 Braid: 34 AWG Aluminum
 60% Coverage
 Nom. Dia. 0.212"
- JACKET:**
 Black PE with water blocking gel
 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 - 2200 MHz) 100% Swept Tested
 15dB (2200 - 3000 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
9.97 dB	2500 MHz
10.92 dB	3000 MHz

