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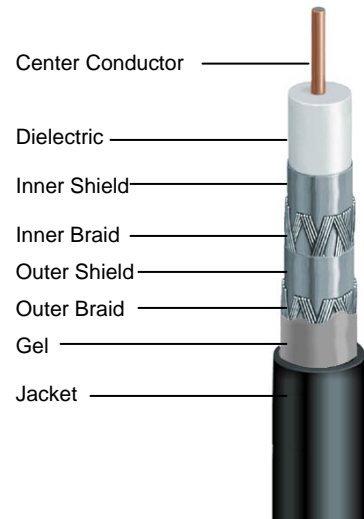


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RG-6 Quad Shield 3GHz Direct Burial 75 Ohm Coaxial Cable Catalog #5741 NEC/CEC: None

CABLE CONSTRUCTION:

- CENTER CONDUCTOR:**
 18 AWG Copper/Steel
 Nom Dia: 0.0403"
- DIELECTRIC:**
 Foam Polyethylene
 Dia. over Dielectric: 0.180" Nom.
- INNER SHIELD:**
 Foil: 0.003" Aluminum Tape
 60% Coverage
 Braid: 34 AWG 4-End Aluminum
 Nom. Dia. 0.212"
- OUTER SHIELD:**
 Foil: 0.002" Aluminum Tape
 40% Coverage
 Braid: 34 AWG 3-End Aluminum
 Nom. Dia. 0.232"
- JACKET:**
 Black Polyethylene (PE) with water blocking gel
 Dia. over Jacket: 0.300" +/- 0.008"
 Nominal Jacket Thickness: 0.034"
 Minimum Spot: 0.024"



ELECTRICAL PROPERTIES:

- SPARKER TEST:** 4000 VAC
- DIELECTRIC STRENGTH:** Conductor to Shield: 2500 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:** 4.9 Ohms/1000 FT. Nom.
- SRL:** 15dB (5 thru 3000 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

- Cable Weight/kft:** 29 lbs
- MINIMUM BEND RADIUS:**
 Loaded: 20 Times Cable OD
 Unloaded: 10 Times Cable OD
- CABLE TEMP. RATING:**
 Temp: 60°C

INSTALLATION/OPERATION:
 Temp: -40°C to 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
10.92 dB	3000 MHz



Drawings not to Scale
 Specifications subject to change
 Revised: 04/24/08