

# RG-6/Dual 3 GHz 75 Ohm Coaxial Cable Catalog #0461 NEC/CEC: CM(UL) C(UL) CMH

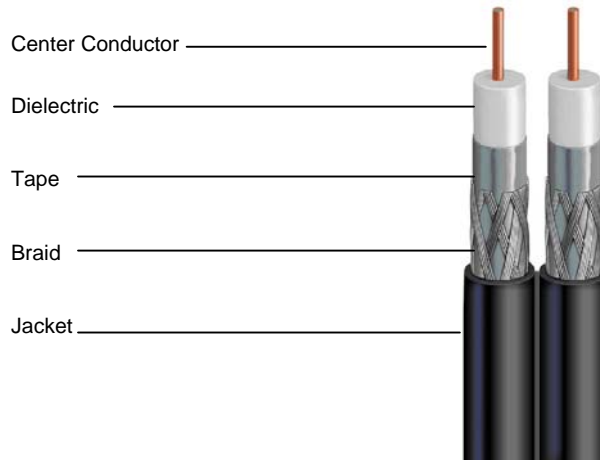
## CABLE CONSTRUCTION:

**CENTER CONDUCTOR:**  
 18 AWG Solid Copper

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

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

**JACKET:**  
 FR-PVC  
 Dia. over Jacket: 0.272" +/- 0.008"  
 Nominal Jacket Thickness: 0.030"  
 Minimum Spot: 0.023"  
 Web Width: 0.575" Nom.



## ELECTRICAL PROPERTIES:

<b>SPARKER TEST:</b>	4000 VAC
<b>DIELECTRIC STRENGTH:</b>	Conductor to Shield: 2000 VDC
<b>CAPACITANCE:</b>	16.0 pF./Ft. Nom.
<b>IMPEDANCE:</b>	75.0 +/- 3.0 Ohms
<b>VELOCITY OF PROPAGATION:</b>	82.0% Nom.
<b>DCR:</b>	Shield: 8.75 Ohms/1000 Ft. Nom.
	Conductor: 6.40 Ohms/1000 Ft. Nom.
<b>SRL:</b>	20 dB (5 thru 300 MHz) 100% Swept Tested
	15 dB (950 thru 3000 MHz) 100% Swept Tested

## 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