

# RG-6/GND 3000 MHz

## 75 Ohm Coaxial Cable

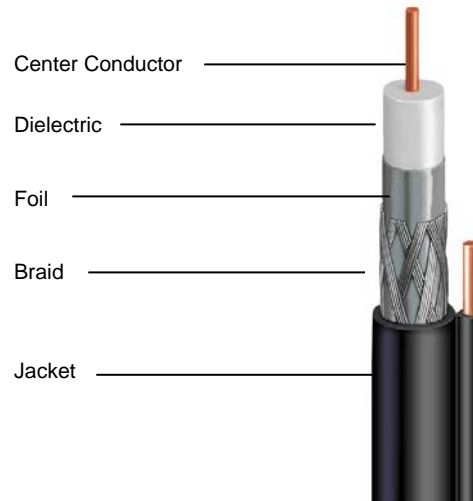
### Catalog # 5732

#### Non-Plenum

#### NEC/CEC: CM(UL) C(UL) CMH

#### CABLE CONSTRUCTION:

- CENTER CONDUCTOR:**  
18 AWG Copper/Steel  
Nom. Dia: 0.0403"
- DIELECTRIC:**  
Foam Polyethylene  
Dia. over Dielectric: 0.180" Nom.
- SHIELD:**  
Foil: Aluminum/Poly Tape  
Braid: 34 AWG Aluminum  
60% Coverage  
Nom. Dia. 0.212"
- GROUND:**  
17 AWG CU/Steel  
Nom. Dia: 0.0453"
- JACKET:**  
FR-PVC  
Dia. over Jacket: 0.272" Nom.  
Nominal Jacket Thickness: 0.030"  
Dia. over Gnd: 0.105" Nom.



#### 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:** 28.6 Ohms/1000 Ft. Nom.
- Shield:** 9.7 Ohms/1000 FT. Nom.
- SRL:** 15 dB (950 thru 3000 MHz) 100% Swept Tested

#### 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