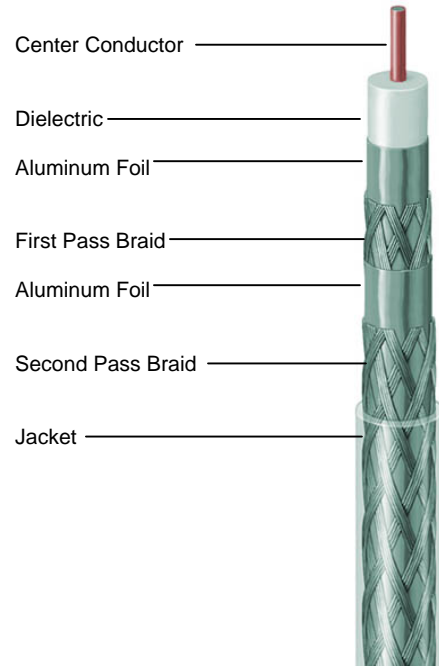


# ControlNet\* RG-6 Quad Shield 75 Ohm Coaxial Cable Catalog # 5061V (Plenum) NEC/CEC: CMP (UL) C(UL)

## CONSTRUCTION:

- CENTER CONDUCTOR:**  
 18 AWG Solid Copper Clad Steel
- DIELECTRIC:**  
 Foamed Fluorinated Ethylpropylene (FEP)  
 Dia. Over Dielectric: 0.170" Nom.
- INNER SHIELD:**  
 Foil: Bonded Aluminum/Poly Tape  
 100% Coverage  
 Braid: 34 AWG Aluminum  
 60% Coverage  
 Nom. Dia.: 0.205"
- OUTER SHIELD:**  
 Foil: Aluminum/Poly Tape  
 100% Coverage  
 Braid: 34 AWG Aluminum  
 60% Coverage  
 Nom. Dia.: 0.232"
- JACKET:**  
 Plenum Polyvinylchloride (PPVC)  
 Dia. Over Inner Jacket: 0.264" +/- 0.004"  
 Nom. Jkt. Thickness: 0.016"  
 Min. Spot: 0.013"



## ELECTRICAL PROPERTIES:

- SPARKER TEST:** 4000 VAC
- DIELECTRIC STRENGTH:** Conductor to Shield: 2000 VDC
- CAPACITANCE:** 16.0 pF/ft. Nom.
- IMPEDANCE:** 75.0 +/- 3.0 Ohms
- VELOCITY OF PROPAGATION:** 82.0% Nom.
- DCR:**
- Conductor: 29.0 Ohms/1000 ft.  
 Shield: 3.9 Ohms/1000 ft.
- SRL:** 20 dB minimum (5 to 50 MHz)  
 100% Swept Tested

## MECHANICAL PROPERTIES:

- MINIMUM BEND RADIUS:**
- Loaded: 20 times cable OD  
 Unloaded: 10 times cable OD
- JACKET TEMP. RATING:**
- TEMP: 60°C

## ATTENUATION:

dB/100 Ft. (Nom.)	@ Frequency MHz
.34 dB	1 MHz
.37 dB	2 MHz
.44 dB	5 MHz
.57 dB	10 MHz
.83 dB	20 MHz
1.38 dB	50 MHz

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