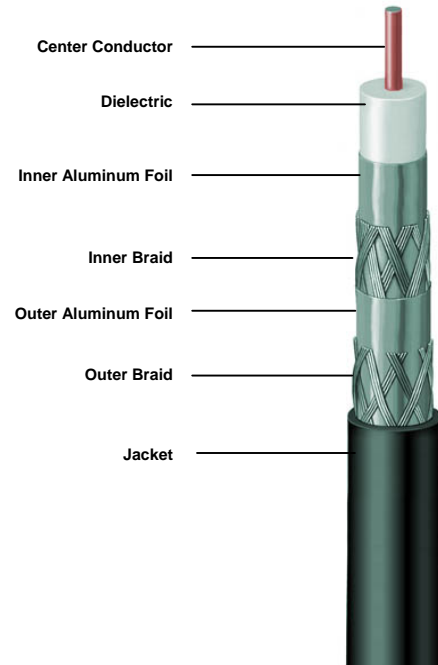


# ControlNet\* Direct Burial RG-6 Quad Shield 75 Ohm Coaxial Cable Catalog # 5060B NEC/CEC: None

**CONSTRUCTION:**

- CENTER CONDUCTOR:**  
 18 AWG Solid Copper Clad Steel  
 Nom. Dia.: 0.0403"
- DIELECTRIC:**  
 Foamed Polyethylene (PE)  
 Dia. Over Dielectric: 0.180" Nom.
- INNER SHIELD:**  
 Foil: Bonded Aluminum/Poly Tape  
 Braid: 34 AWG Aluminum  
 60% Coverage  
 Nom. Dia.: 0.212"
- OUTER SHIELD:**  
 Foil: Aluminum/Poly Tape  
 Braid: 34 AWG Aluminum  
 40% Coverage  
 Nom. Dia.: 0.232"
- JACKET:**  
 Polyethylene (PE)  
 Dia. Over Inner Jacket: 0.297" +/- 0.008"  
 Nom. Jkt. Thickness: 0.032"  
 Min. Spot: 0.024"



**ELECTRICAL PROPERTIES:**

- SPARKER TEST:** 4000 VAC
- DIELECTRIC STRENGTH:** Conductor to Shield: 3 Sec. @ 2500 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.  
 Shield: 3.9 Ohms/1000 ft.
- SRL:** 23 dB minimum (5 to 50 MHz)  
 100% Swept Tested

**MECHANICAL PROPERTIES:**

- MINIMUM BEND RADIUS:**
- Loaded: 20 times cable OD  
 Unloaded: 10 times cable OD

**ATTENUATION:**

dB/100 Ft. (Nom.)	@ Frequency MHz
.36 dB	1 MHz
.38 dB	2 MHz
.45 dB	5 MHz
.59 dB	10 MHz
.86 dB	20 MHz
1.38 dB	50 MHz

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