

ControlNet* RG-6 Quad Shield 75 Ohm Coaxial Cable Catalog # 5060 NEC/CEC: CMG (ETL) C(ETL)

CONSTRUCTION:

CENTER CONDUCTOR:

18 AWG Solid Copper Covered Steel
 Nom. Dia.: 0.0403"

DIELECTRIC:

Foamed Polyethylene (PE)
 Dia. Over Dielectric: 0.180" Nom.

INNER SHIELD:

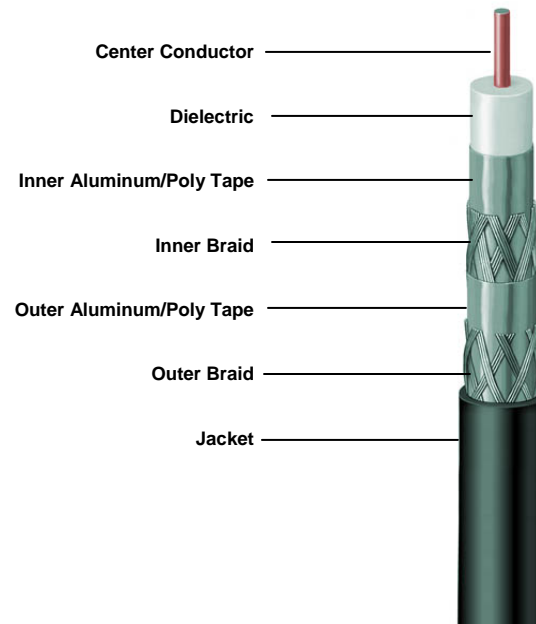
Foil: Bonded Aluminum/Poly Tape
 Braid: 34 AWG Aluminum
 60% Coverage
 Nom. Dia.: 0.212"

OUTER SHIELD:

Foil: Aluminum/Poly Tape
 Braid: 34 AWG Aluminum
 40% Coverage
 Nom. Dia.: 0.232"

JACKET:

Flame Retardant Polyvinylchloride (FR-PVC)
 Dia. Over Jacket: 0.300" +/- 0.008"
 Nom. Jkt. Thickness: 0.034"
 Min. Spot: 0.024"



ELECTRICAL PROPERTIES:

SPARKER TEST: 4000 VAC
DIELECTRIC STRENGTH: Conductor to Shield: 3 Sec. @ 1000 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: 100% Swept Tested 23 dB minimum (5 to 50 MHz)

MECHANICAL PROPERTIES:

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

JACKET TEMP. RATING:
 Temp: 75°C

PASSES UL COLD BEND TEST AT -40C

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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