

Dual RG-6/GND 3000-MHz 75 Ohm Coaxial Cable Catalog # 5788 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"

JACKET:
FR-PVC
Dia. over Jacket: 0.272" +/- 0.008"
Nominal Jacket Thickness: 0.032"
Minimum Spot: 0.024"
Width: 0.730" Nom.
Dia. over GND: 0.105" Nom.

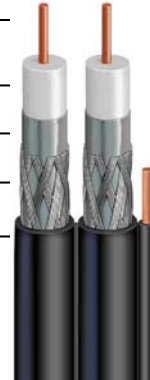
Center Conductor _____

Dielectric _____

Tape _____

Braid _____

Jacket _____



ELECTRICAL PROPERTIES:

SPARKER TEST: 4000 VAC

DIELECTRIC STRENGTH: Conductor to Shield: 2500 VDC

CAPACITANCE: 16.2 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: 20 dB (950 thru 2200 MHz) 100% Swept Tested
15 dB (2200 thru 3000 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

MINIMUM BEND RADIUS:
Loaded: 20 Times Cable OD
Unloaded: 10 Times Cable OD

CABLE TEMP. RATING:
Temp: 75°C

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