

RG-6 2500-MHz 75 Ohm Coaxial Cable Catalog # 5772 NEC/CEC: CM(UL)C(UL) CMH



1100 CommScope Place SE
PO Box 1729
Hickory, NC 28603-1729
(800) 982-1708
(828) 324-2200
(828) 328-3400
www.commscope.com



Fax:
Int'l Fax:

CABLE CONSTRUCTION:

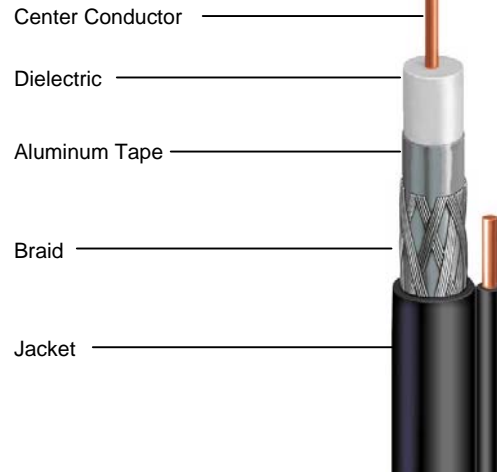
CENTER CONDUCTOR:
18 AWG Bare Copper
Nom. Dia: 0.0403"

DIELECTRIC:
Foam Polyethylene
Dia. over Dielectric: 0.180" Nom.

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

GROUND:
17 AWG CU/Steel
Nom. Dia: 0.0453"

JACKET:
FR-PVC
Dia. over Jacket: 0.272" +/- 0.008"
Nominal Jacket Thickness: 0.030"
Minimum Spot: 0.024"
Web Height: 0.030" Nom.
Web Width: 0.015" Nom.
Overall Width: 0.407" Nom.



ELECTRICAL PROPERTIES:

SPARKER TEST: 4000 VAC

DIELECTRIC STRENGTH: Conductor to Shield: 2500 VDC

CAPACITANCE: 16.0 pF./FT. Nom.

IMPEDANCE: 75.0 +/- 3.0 Ohms

VELOCITY OF PROPAGATION: 84.0% Nom.

DCR: Conductor: 6.5 Ohms/1000 Ft. Nom.
Shield: 9.7 Ohms/1000 Ft. Nom.

SRL: 20 dB (5 thru 1000 MHz) 100% Swept Tested
15 dB (1000 thru 2500 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

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

CABLE TEMP. RATING:
Temp: 60°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
9.46 dB	2250 MHz
9.99 dB	2500 MHz



Drawings not to Scale
Specifications subject to change
Revised: 06/06/06