

RG-6/Messenger 3GHz 75 Ohm Coaxial Cable

Catalog # 5733

Non-Plenum NEC/CEC:

CABLE CONSTRUCTION:

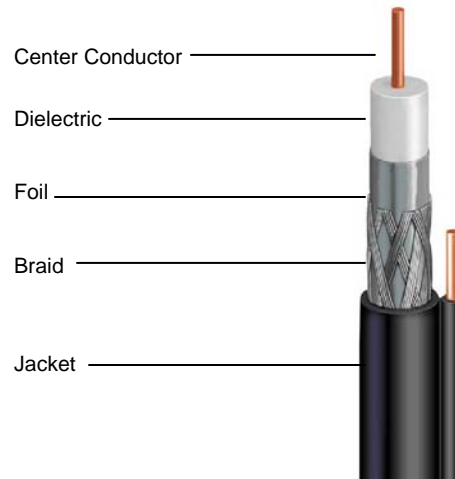
CENTER CONDUCTOR:
 18 AWG Copper/Steel
 Nom. Dia: 0.0403"

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

SHIELD:
 Foil: Aluminum/Poly Tape
 Braid: 34 AWG Aluminum
 90% Coverage
 Nom. Dia. 0.212"

GROUND:
 0.051" Steel Messenger

JACKET:
 PVC
 Dia. over Jacket: 0.272" Nom.
 Nominal Jacket Thickness: 0.030"
 Dia. over Mess: 0.111" Nom.
 Width of Cable: 0.413" Nom.



ELECTRICAL PROPERTIES:

SPARKER TEST: 4000 VAC

DIELECTRIC STRENGTH: Conductor to Shield: 3000 VDC

CAPACITANCE: 16.0 pF./Ft Nom

IMPEDANCE: 75.0 +/- 3.0 Ohms

VELOCITY OF PROPAGATION: 82.0%

DCR: Conductor: 28.6 Ohms/1000 Ft. Nom.
 Shield: 7.00 Ohms/1000 Ft. Nom.

SRL: 15dB (5 thru 3000 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

Cable Weight/kft: 40 lbs

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

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
7.49 dB	1450 MHz
9.35 dB	2200 MHz
10.92 dB	3000 MHz