

RG-11 3GHz Direct Burial 75 Ohm Coaxial Cable

Catalog #5922

NEC/CEC: None

CABLE CONSTRUCTION:

CENTER CONDUCTOR:

14 AWG Solid Bare Copper
Nom. Dia: 0.0641"

DIELECTRIC:

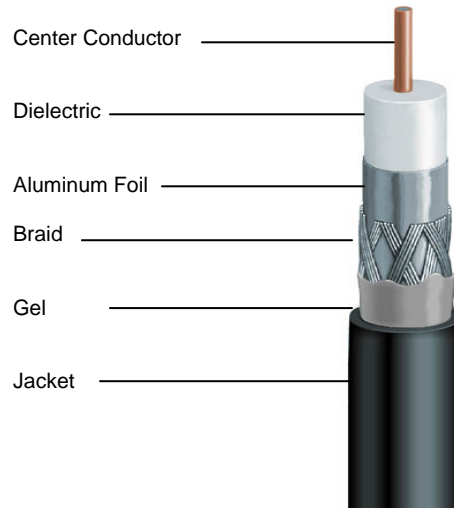
Foam Polyethylene
Diameter over Dielectric: 0.280" Nom.

SHIELD:

Foil: Bonded Aluminum Tape
Braid: 34 AWG Aluminum
60% Coverage
Nom. Diameter 0.311"

JACKET:

PE with water blocking gel
Diameter over Jacket: 0.395" +/- 0.006"
Nominal Jacket Thickness: 0.040"
Minimum Spot: 0.032"



ELECTRICAL PROPERTIES:

SPARKER TEST:	5000 VAC
DIELECTRIC STRENGTH:	Conductor to Shield: 4000 VDC
CAPACITANCE:	16.0 pF./Ft. Nom.
IMPEDANCE:	75.0 +/- 3.0 Ohms
VELOCITY OF PROPAGATION:	82.0% Nom.
DCR: Conductor:	2.6 Ohms/1000 Ft. Nom.
Shield:	6.9 Ohms/1000 Ft.
SRL:	20dB (5 thru 1000 MHz) 100% Swept Tested 15dB (1000 thru 3000 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
0.10 dB	1 MHz
0.45 dB	10 MHz
0.89 dB	50 MHz
1.21 dB	100 MHz
1.68 dB	200 MHz
2.37 dB	400 MHz
3.27 dB	700 MHz
3.77 dB	900 MHz
3.95 dB	1000 MHz
4.46 dB	1200 MHz
5.08 dB	1450 MHz
5.58 dB	1800 MHz
6.29 dB	2200 MHz
6.79 dB	2500 MHz
7.58 dB	3000 MHz