

# RG-11 MATV 3 GHz

## 75 Ohm Coaxial Cable

### Catalog #5901

#### Non-Plenum: CM(UL)C(UL)CMH

#### CABLE CONSTRUCTION:

##### CENTER CONDUCTOR:

14 AWG Solid Copper  
 Nom. Dia: 0.0641"

##### DIELECTRIC:

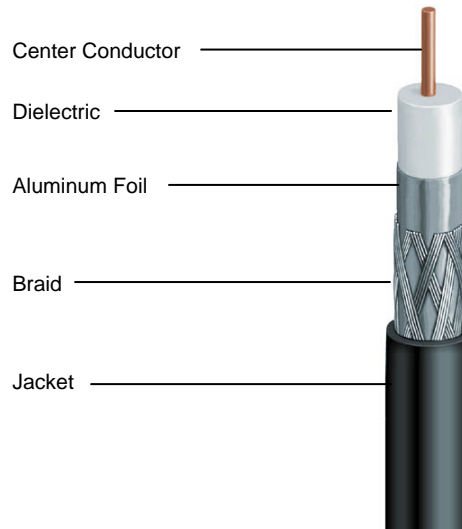
Foam Polyethylene  
 Dia. over Dielectric: 0.285" Nom.

##### SHIELD:

Foil: Aluminum Tape  
 60% Coverage  
 Braid: 34 AWG Tin/Copper  
 Nom. Dia. 0.314"

##### JACKET:

FR-PVC  
 Dia. 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:

2.9 Ohms/1000 Ft. Nom.

##### SRL:

20 dB (5 thru 1000 MHz) 100% Swept Tested  
 15 dB (1000 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: 60°C

#### 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
5.08 dB	1450 MHz
6.29 dB	2200 MHz
7.58 dB	3000 MHz