

RG-11 MATV

75 Ohm Coaxial Cable

Catalog #0242

Non-Plenum: CM(UL)C(UL)CMG

CABLE CONSTRUCTION:

CENTER CONDUCTOR:

14 AWG Solid Copper
 Nom. Dia: 0.0641"

DIELECTRIC:

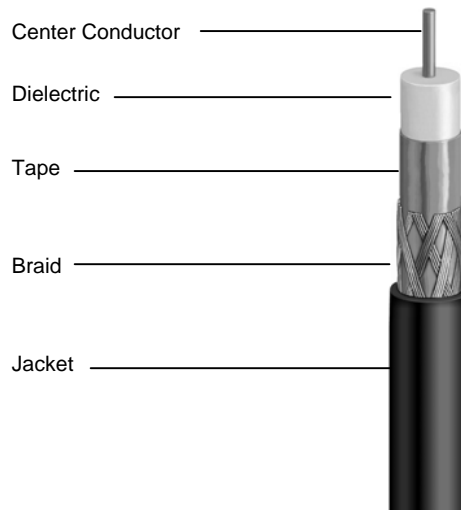
Foam Polyethylene
 Dia. over Dielectric: 0.285" Nom.

SHIELD:

Tape: Aluminum
 85% 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 +/- 2.0 Ohms |
| VELOCITY OF PROPAGATION: | 82.0% Nom. |
| DCR: Conductor: | 2.9 Ohms/1000 Ft. Nom. |
| SRL: | 20dB (10 thru 300 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 |