

RG-11 Triaxial Cable
75 Ohm Triaxial Cable
Catalog # 7827
NEC/CEC: CMR(UL) C(UL)

CONSTRUCTION:

CENTER CONDUCTOR:

14 AWG Solid Bare Copper .0641"

DIELECTRIC:

Foamed Polyethylene (FPE)
 Dia. Over Dielectric: 0.285" Nom.

INNER SHIELD:

Braid: 34 AWG 8 End Copper
 93% Coverage
 Nom. Dia. 0.315"

INNER JACKET:

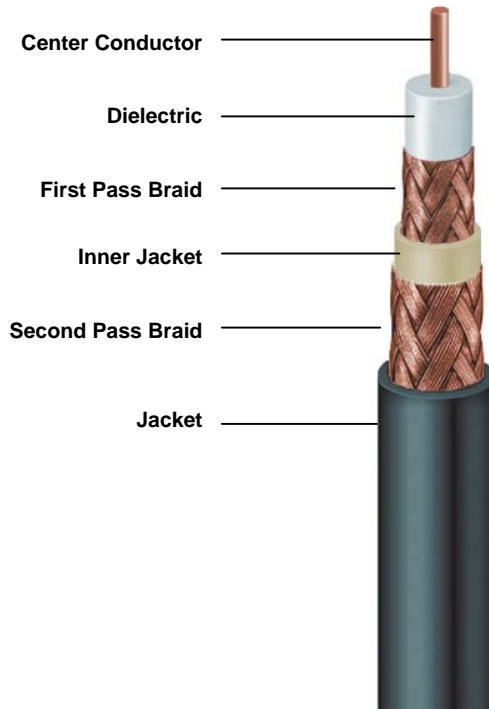
Flame Retardant Polyvinylchloride (FR-PVC)
 Dia. Over Jacket: 0.365" +/- .005"
 Nom. Jkt. Thickness: 0.025"
 Min. Spot: 0.022"

OUTER SHIELD:

Braid: 34 AWG 8 End Copper
 93% Coverage
 Nom. Dia. 0.397"

OUTER JACKET:

Flame Retardant Polyvinylchloride (FR-PVC)
 Dia. Over Jacket: 0.475" +/- 0.008"
 Nom. Jkt. Thickness: 0.040"
 Min. Spot: 0.029"



ELECTRICAL PROPERTIES:

SPARKER TEST: 4000 VAC
DIELECTRIC STRENGTH: Conductor to Shield – 3 Sec. @ 4000 VDC
CAPACITANCE: 16.0 pF/ft. Nom.
IMPEDANCE: 75.0 +/- 3.0 Ohms
VELOCITY OF PROPAGATION: 84.0% Nom.
DCR: 2.9 Ohms/1000 ft. Nom.
SRL: 20 dB (10 to 300 MHz) 100% Swept Tested

ATTENUATION:

dB/100 Ft. (Nom.)	@ Frequency MHz
.10 dB	1 MHz
.46 dB	10 MHz
.93 dB	50 MHz
1.45 dB	100 MHz
1.83 dB	200 MHz
2.78 dB	400 MHz
4.06 dB	700 MHz
4.66 dB	900 MHz
4.82 dB	1000 MHz

MECHANICAL PROPERTIES:

MINIMUM BEND TEST:
 Loaded: 20 Times Cable OD
 Unloaded: 10 Times Cable OD
JACKET TEMP RATING:
 Temp: 60°C