



# RG-11 Tri-Shield LSZH 75 Ohm Coaxial Cable Catalog #5921 NEC/CEC:

## CABLE CONSTRUCTION:

### CENTER CONDUCTOR:

14 AWG Copper/Steel  
 Nom. Dia: 0.0641"

### DIELECTRIC:

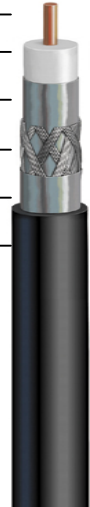
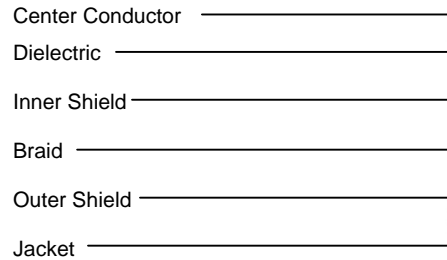
Foam Polyethylene  
 Dia. over Dielectric: 0.280" Nom.

### SHIELD:

Inner Foil: Bonded Aluminum Tape  
 Braid: 34 AWG Aluminum  
 60% Coverage  
 Nom. Dia. Over Braid: 0.311"  
 Outer Foil: Non-Bonded Aluminum Tape

### JACKET:

Halogen Free, Flame Retardant Jacketing Compound  
 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:	11.0 Ohms/1000 Ft. Nom.
SRL:	20dB (5 thru 1000 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
0.17 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

