

# RG-6 LSZH

## 75 Ohm Coaxial Cable

### Catalog # 5706

### NEC/CEC: None

#### CABLE CONSTRUCTION:

##### CENTER CONDUCTOR:

18 AWG Copper/Steel  
Nom. Dia: 0.0403"

##### DIELECTRIC:

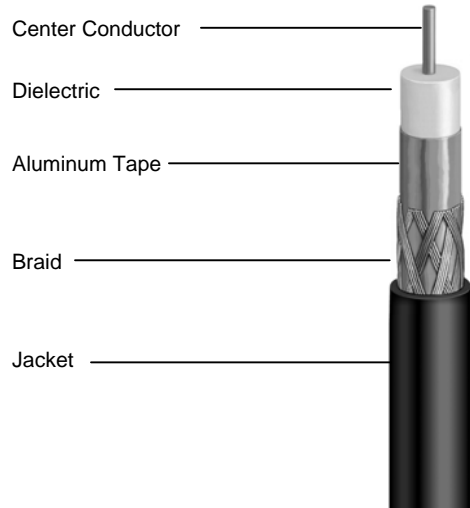
Foam Polyethylene  
Dia. over Dielectric: 0.180" Nom.

##### SHIELD:

Inner Foil: Aluminum/Poly Tape  
60% Coverage  
Braid: 34 AWG Aluminum  
Nom. Dia. Over Braid: 0.212"

##### JACKET:

Halogen Free, Flame Retardant Jacketing Compound  
Dia. over Jacket: 0.272" +/- 0.006"  
Nominal Jacket Thickness: 0.030"  
Minimum Spot: 0.021"



#### ELECTRICAL PROPERTIES:

##### SPARKER TEST:

4000 VAC

##### DIELECTRIC STRENGTH:

Conductor to Shield: 2000 VDC

##### CAPACITANCE:

16.2 pF./FT. Nom.

##### IMPEDANCE:

75.0 +/- 3.0 Ohms

##### VELOCITY OF PROPAGATION:

82.0% Nom.

##### DCR: Conductor:

28.6 Ohms/1000 Ft. Nom.

##### SRL:

20 dB (5 thru 1000 MHz) 100% Swept Tested  
15 dB (1000 thru 2200 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
0.37 dB	1 MHz
0.66 dB	10 MHz
1.41 dB	50 MHz
1.92 dB	100 MHz
2.64 dB	200 MHz
3.73 dB	400 MHz
5.05 dB	700 MHz
5.79 dB	900 MHz
6.11 dB	1000 MHz
6.73 dB	1200 MHz
7.49 dB	1450 MHz
8.43 dB	1800 MHz
9.35 dB	2200 MHz