

Construction

Designation	Material	Diameter
Inner Conductor	Copper Clad Aluminum	1.85±0.02
Dielectric	Foam Polyethylene	4.60±0.10
Outer Conductor	Helical Copper Tube	Nom 6.35
Jacket	Black Polyethylene	7.50±0.20



Electrical Specifications

Capacitance, pF/m	Nom.80
Impedance, Ohm	50±2
Velocity of Propagation, %	82
VSWR, 300-2700MHz	≤1.20
Passive Intermodulation, dBc	≤-160 @2*43, dBm
Dielectric strength, VDC	2000

Ordering Information

PN: SFLEX50 - LSZH-1/4	1/4" Low Smoke Halogen Free Jacket
---------------------------	---------------------------------------

Mechanical & Environmental Specifications

Min Bend Radius, Multiple Bends, mm	50
Min Bend Radius, Single Bend, mm	25
Operating Temperature, °C	-45 to +85



1/4" Superflex - Low PIM, Bulk RF Coaxial Cable

Attenuation and Average Power

Frequency, MHz	Attenuation, dB/100m	Input Power Max, W
150	7.02	924
450	12.3	520
900	17.9	360
1500	23.8	278
1800	26.3	250
2200	29.5	230
2500	31.7	210
3000	35.2	190