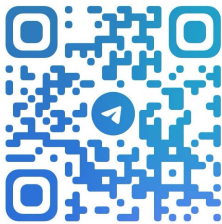
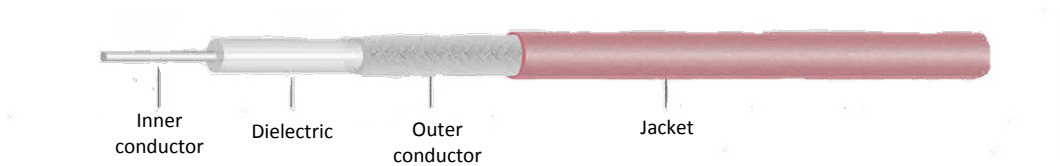


MODEL: LT-SF-PE
RG402, 500hm, 90°C, ø4.5 mm, LSZH jacket
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Structure parameter

Construction Specification		
Item	Material	Diameter(mm)
1. Inner conductor	Silver plated copper	0.925±0.1
2. Dielectric	PTFE	2.95±0.05
3. Outer Conductor	Tin Overcoated Copper Wire Braiding	3.50±0.10
4. Jacket	LSZH	4.50±0.10

Electrical data

Electrical Characteristics	
Items	Data
Capacitance (pF/m)	98
Impedance (ohm)	50±2
Velocity (%) (200MHz)	70.8
Max.operating frequency (GHz)	34
Time delay (ns/m)	4.7
Voltage Withstand (KVrms)	3 (1 min)
Insulation resistance nominal (MΩ·km)	5000
Shielding Effect (up to 33 GHZ)	100dB

***Note:** According to the national military standard testing method, the rate test is conducted at a frequency of 200 MHz.

Mechanical data

Mechanical and Environmental Characteristics	
Items	Data
Min. bending radius static (mm)	8
RoHS	OK
Operating temp.(°C)	-20~+ 90 C
Weight (kg/km)	45.5

Attenuation and Power

Attenuation (+25 C Ambient)&Power Handling (+40C Ambients; Sea Level; VSWR 1:1		
Frequency (GHz)	Attenuation(dB/m)	Power (Watts CW)
0.5	0.27	645
1	0.41	425
2	0.62	281
3	0.78	229
5	1.05	165
10	1.58	110
18	2.22	78
20	2.38	72
25	2.78	62
33	3.36	51

