



Technical Data Sheet

0.1M SMA MALE TO SMP FEMALE

3506 RF Cable - 26.5GHz

LHM-11SMA10022SMP-3506

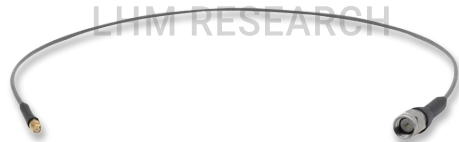
Key Features

- 80% PVDF, PTFE-insulated, silver-plated copper wire wrapped
- Ultra-low loss, high dimensional stability



Environmental Specifications

- Temperature Range : -55 deg C ~ 125 deg C



Compliance Certification

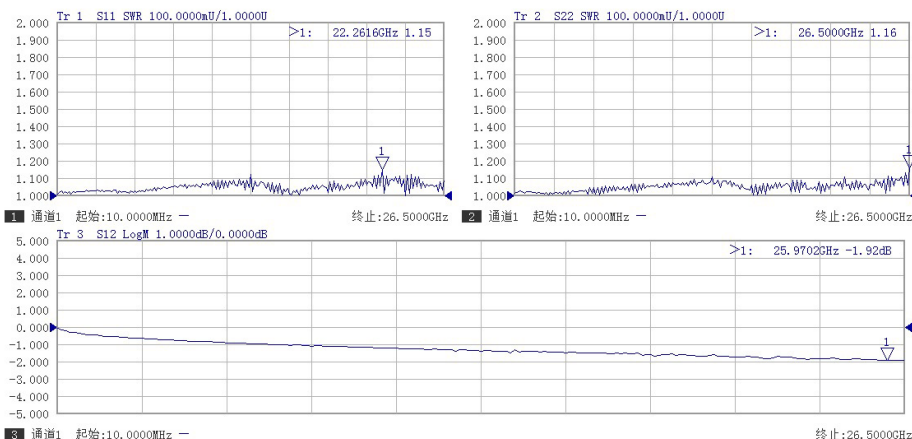
- RoHs Compliant

Electrical Specifications

Parameter	Specification
Operation Frequency	67 GHz
Bend Radius at 40 GHz	≤ 10°
Characteristic Impedance	50 Ohms
Temperature Coefficient	800 ppm
Velocity Factor	80%
Attenuation Factor	0.15 dB at 40 GHz
Shielding Effectiveness	90 dB
Dielectric Strength	500 V.DC

Mechanical Specifications

Parameter	Specification
Minimum Bend Radius, Static Installation	11 mm
Minimum Bend Radius, Repeated Flex	22 mm
Weight	± 18 g/m



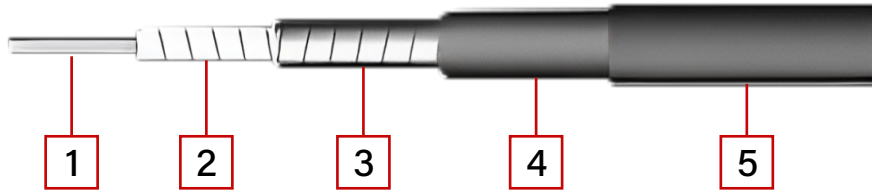


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Structural Dimensions

Structure	Dimension (mm)	Tolerance	Material
1. Center Conductor	0.51	± 0.01	Silver Plated Copper
2. Dielectric	1.43	± 0.03	PTFE
3. Outer Conductor	1.55	± 0.03	Silver Plated Copper Tape
4. Outer Braid	1.85	± 0.03	Silver Plated Copper Braid
5. Jacket	2.20	± 0.05	Grey FEP