



Technical Data Sheet

0.3M SMA MALE TO SMA MALE

RF Test Cable - 26.5GHz

LHM-11SMA30511SMA-0061

Key Features

- 70% FEP, 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

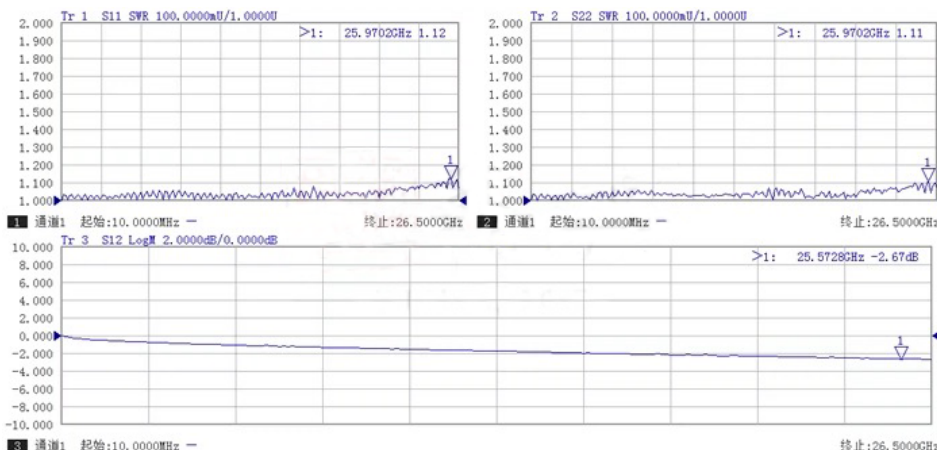
- RoHs Compliant

Electrical Specifications

Parameter	Specification
Operation Frequency	DC to 26.5 GHz
Capacitance	95.2 pF/m
Impedance	50 ± 2 Ohms
Delay	4.38 ns/m
Velocity Factor	70%
Maximum Working Voltage	1000 V
Shielding Effectiveness	90 dB
Dielectric Constant	2.05
Inductance	0.22 µH/m

Mechanical Specifications

Parameter	Specification
Minimum Bend Radius, Single Bend	20 mm
Minimum Bend Radius, Repeated Bend	50 mm



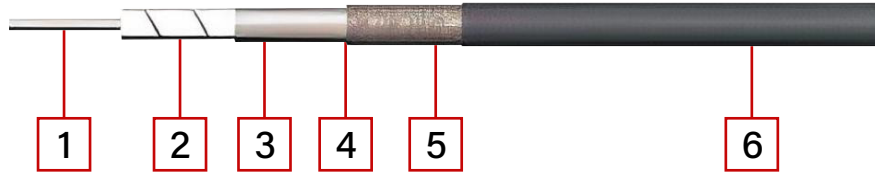


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Structural Dimensions

Structure	Standard Outer Diameter (mm)	Material
1. Center Conductor	0.92 ± 0.02	Silver Plated Copper
2. Dielectric	3.00 ± 0.05	Solid PTFE
3. Outer Conductor	3.18 ± 0.05	Silver Plated Copper
4. Intermediate Layer	3.40 ± 0.08	High-Temperature Adhesive
5. Outer Shield	3.95 ± 0.10	Silver Plated Copper
6. Jacket	5.00 ± 0.10	FEP