



## Technical Data Sheet

### 0.5M SMA MALE TO N TYPE MALE

SS402 RF Test Cable

LHM-11SMA50011N12-0061

#### Key Features

- Solid PTFE dielectric, silver-plated copper tape wrapping
- Ultra-low loss, high dimensional stability



#### Environmental Specifications

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

#### Compliance Certification

- RoHS Compliant

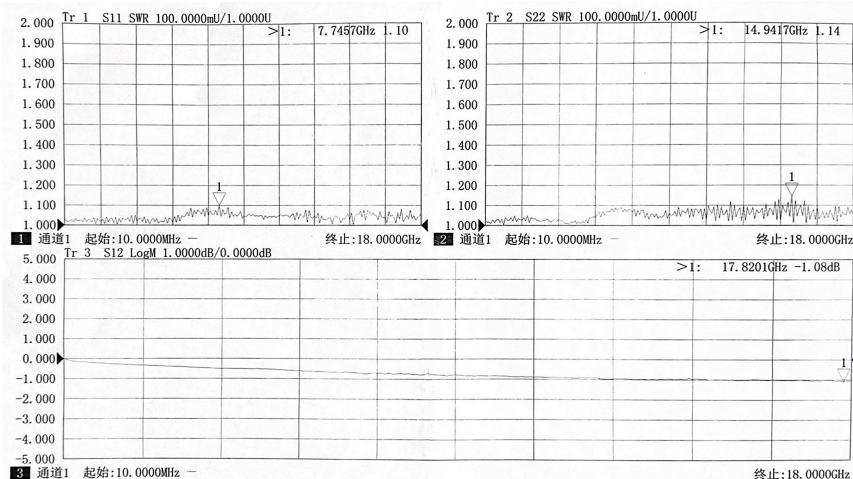


#### Electrical Specifications

Parameter	Specification
Operation Frequency	DC to 26.5 GHz
Adapter Frequency	12 GHz
Characteristic Impedance	50 ± 2 Ohms @ 12 GHz
Transmission Efficiency	70%
Velocity Factor	70%
Shielding Effectiveness	90 dB
Dielectric Strength	1900 V.DC

#### Mechanical Specifications

Parameter	Specification
Minimum Bend Radius, Static	20 mm
Cable Outer Diameter	46 mm
Weight	± 49 g/m



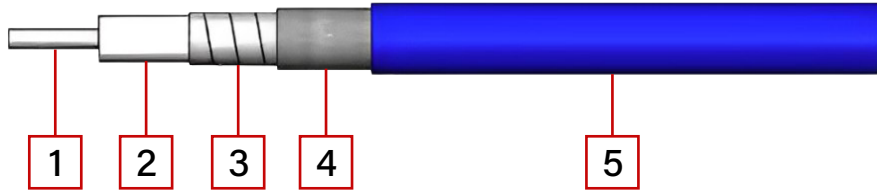


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#### Structural Dimensions

Structure	Dimension (mm)	Tolerance	Material
1. Center Conductor	0.91	$\pm 0.02$	Silver Plated Copper
2. Dielectric	3.00	$\pm 0.05$	PTFE
3. Outer Conductor	3.20	$\pm 0.05$	Silver Plated Copper Tape
4. Outer Shield	3.60	$\pm 0.06$	Silver Plated Copper Wire
5. Jacket	4.00	$\pm 0.10$	FEP