



Technical Data Sheet

0.5M SMA MALE TO N TYPE MALE

SFT-142 RF Test Cable

LHM-11SMA50011N18-0061

Key Features

- 76% Vp PTFE-insulated, silver-plated copper wire braided with triple shield
- Ultra-low loss, high dimensional stability

Environmental Specifications

- Temperature Range : -55 deg C ~ 200 deg C

Compliance Certification

- RoHs Compliant

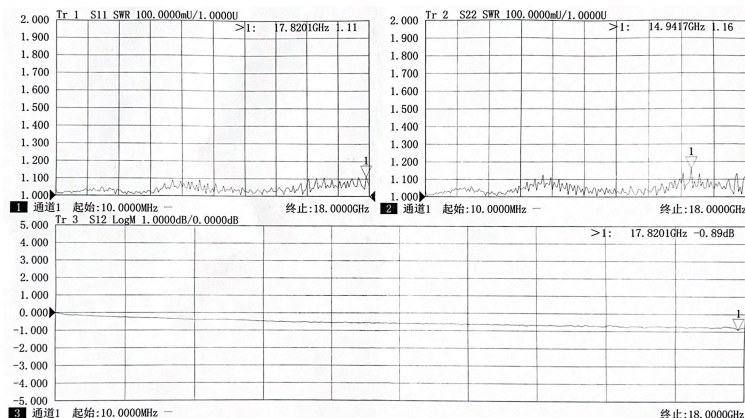
Electrical Specifications



Parameter	Specification
Operation Frequency	DC to 26.5 GHz
Adapter Frequency	18 GHz
Bending Phase Change	$\pm 8^\circ$ @ 18 GHz
Characteristic Impedance	50 ± 2 Ohms @ 18 GHz
Transmission Efficiency	76%
Velocity Factor	76%
Attenuation Factor	± 0.15 dB @ 18 GHz
Shielding Effectiveness	100 dB
Dielectric Strength	900 V.DC

Mechanical Specifications

Parameter	Specification
Minimum Bend Radius, Static	20 mm
Minimum Bend Radius, Dynamic	46 mm
Weight	± 50 g/m



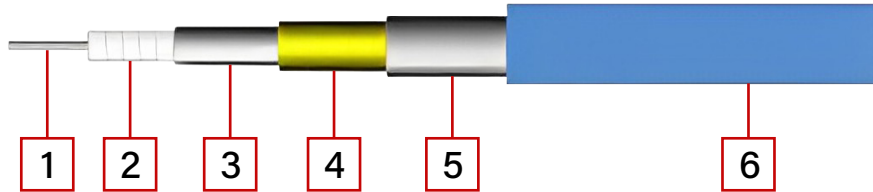


Technical Data Sheet

0.5M SMA MALE TO N TYPE MALE

SFT-142 RF Test Cable

LHM-11SMA50011N18-0061



Structural Dimensions

Structure	Size (mm)	Tolerance	Material
1. Center Conductor	1.02	± 0.01	Silver Plated Copper
2. Dielectric	3.05	± 0.05	PTFE
3. Outer Conductor	3.25	± 0.05	Silver Plated Copper
4. Inner Shield	3.90	± 0.05	Silver Plated Copper
5. Outer Shield	4.35	± 0.05	Silver Plated Copper
6. Jacket	4.60	± 0.10	Blue FEP (Semi-transparent)