



## Technical Data Sheet

### 1M N TYPE MALE TO N TYPE MALE

Armored, Phase-Stable N Type Test Cable - 18GHz

LHM-11N18100011N18-0051

#### Key Features

- FEP Jacket, PTFE-Insulated, Silver-Plated Copper Wire Shielding
- Ultra-low loss, high dimensional stability

#### Environmental Specifications

- Temperature Range : -40 deg C ~ 85 deg C

#### Compliance Certification

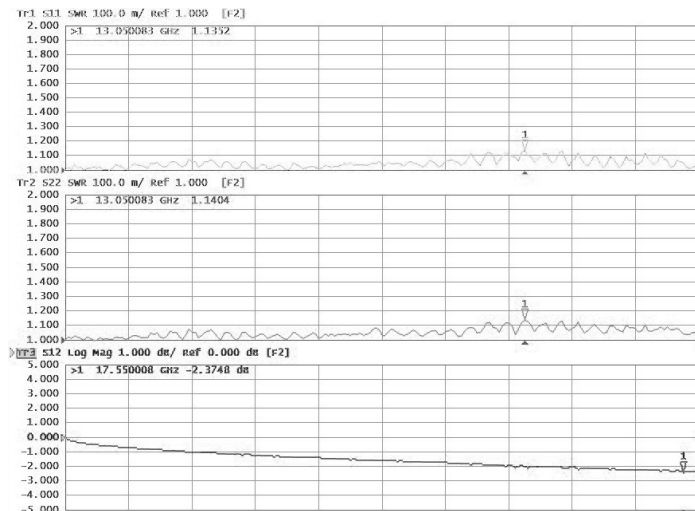
- RoHs Compliant

#### Electrical Specifications

Parameter	Specification
Frequency Range	DC to 18 GHz
Characteristic Impedance	50 ± 2 Ohms
Capacitance	97 pF/m
Velocity Factor	70%
VSWR	≤ 1.30 (DC-6GHz)
Max Working Voltage	1500 V
Max Power	10 kW

#### Mechanical Specifications

Parameter	Specification
Minimum Bend Radius	25 mm
Connector Type	N Type Male to N Type Male
Weight	± 45 g/m



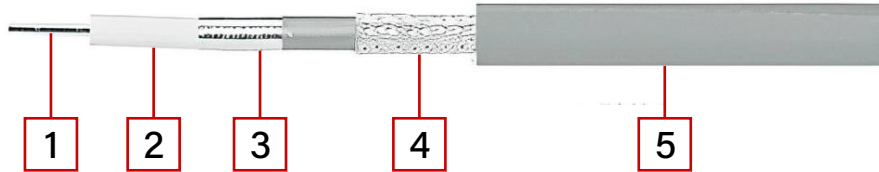


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#### Structural Dimensions

Structure	Dimension (mm)	Material
1. Center Conductor	$1.02 \pm 0.02$	Silver Plated Copper
2. Dielectric	$3.05 \pm 0.05$	PTFE
3. Outer Conductor	$3.45 \pm 0.05$	Silver Plated Copper Strip
4. Outer Braid	$3.85 \pm 0.10$	Silver Plated Copper Braid
5. Jacket	$4.60 \pm 0.10$	FEP