



Technical Data Sheet

1.5M N TYPE MALE TO N TYPE MALE

RG223P Ultra Flexible RF Cable - 8.5GHz

LHM-11N08150011N08-2231

Key Features

- 70% Vp PTFE + Silver Plated Double Shielded Coaxial Cable
- Ultra-low loss, high dimensional stability

Environmental Specifications

- Temperature Range : -40 deg C ~ 105 deg C

Compliance Certification

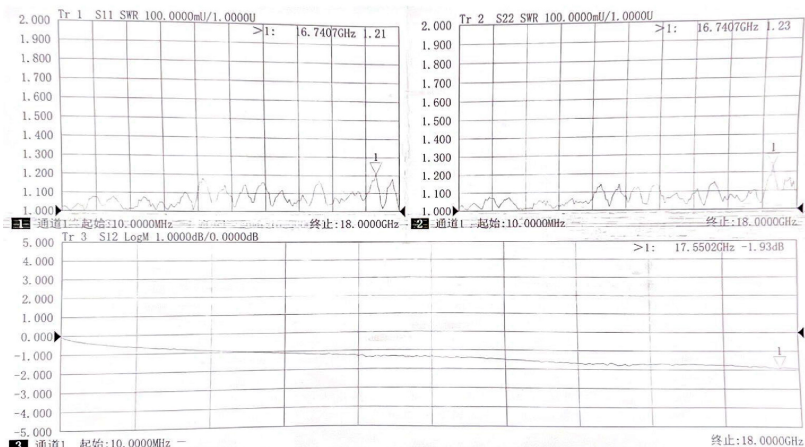
- RoHs Compliant

Electrical Specifications

Parameter	Specification
Operation Frequency	DC to 8.5 GHz
Characteristic Impedance	50 ± 2 Ohms
Capacitance	98 pF/m
Velocity Factor	70%
Cutoff Frequency	31 GHz
Time Delay	4.7 ns/m
Max Working Voltage	2000 Vrms
VSWR	≤ 1.25 @ DC~12.4 GHz

Mechanical Specifications

Parameter	Specification
Minimum Bending Radius	30 mm
Repeated Bending Radius	54 mm
Weight	± 65 g/m





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Structural Dimensions

Structure	Dimension (mm)	Tolerance	Material
1. Center Conductor	0.94	± 0.01	Silver Plated Copper
2. Dielectric	2.98	± 0.05	PTFE
3. Outer Conductor	3.95	± 0.05	Silver Plated Copper
4. Outer Braid	4.05	± 0.05	Silver Plated Copper Braid
5. Jacket	5.35	± 0.15	PVC (Polyvinyl Chloride)