

LT-NM-LMR400

N-Male Connector for LMR400 Cable with Shrink

Specifications

Material and Plating	
Center Contact	Brass / Silver Plating
Outer Contact & Body	Brass / Trimetal Plating
Dielectric	PTFE
Gasket	Silicon Rubber
Nut	Brass / Nickel Plating

Electrical Specifications	
Characteristic Impedance	50 Ohm
Frequency Range	DC ~ 11 GHz
Insulation Resistance	$\geq 5000 \text{ m}\Omega$
Center Contact Resistance	$\leq 1.0 \text{ m}\Omega$
Outer Contact Resistance	$\leq 0.25 \text{ m}\Omega$
Dielectric Strength	2500 V rms (DC)
Working Voltage	900 V rms
Insertion Loss	$\leq 0.10 \text{ dB @ 3 GHz}$
VSWR	$\leq 1.2 \text{ @ DC ~ 3 GHz}$

Environmental & Mechanical Specifications	
Durability (matings)	≥ 500 cycles
Mechanical Shock Test Method	MIL-STD-202, Method 213, Test Condition G
Vibration Test Method	MIL-STD-202, Meth. 204, Condition B
Suitable Cables	LMR400, RG8
Size of Crimp Tool	0.429 inch
Temperature Range	-45°C to +85°C
RoHS	Compliant

