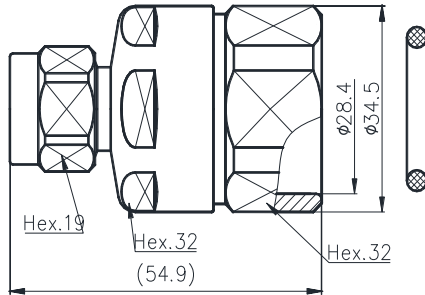


# CONNECTOR

## LT-NM-7/8

N MALE CONNECTOR  
FOR 7/8" RF CABLE, CRIMP TYPE



### SPECIFICATIONS

<b>PART NUMBER</b>	<b>LT-NM-7/8</b>
<b>Description</b>	N Male Connector for 7/8" RF Cable, crimp type

#### Material and Plating

<b>Inner Conductor Pin</b>	Brass / Silver Plating
<b>Inner Conductor Socket</b>	Tin Bronze / Silver Plating
<b>Insulator</b>	PTFE/TPX
<b>Body &amp; Outer Conductor</b>	Brass / Trimetal Plating
<b>Gasket</b>	Silicon Rubber
<b>Nut</b>	Brass / Trimetal Plating

#### Electrical Specifications

<b>Characteristics Impedance</b>	50 Ohm	
<b>Frequency Range</b>	DC~11GHz	
<b>Insulation Resistance</b>	≥5000MΩ	
<b>Dielectric Withstanding Voltage</b>	2500V rms	
<b>Operating Voltage</b>	1500V rms	
<b>Center contact resistance</b>	≤1.0 mΩ	
<b>Outer contact resistance</b>	≤0.25 mΩ	
<b>Insertion Loss</b>	@DC-2.7 GHz	≤0.10dB
<b>VSWR</b>	@0.8-1.0 GHz	≤1.08
	@1.7-2.7 GHz	≤1.10
<b>PIM3(2*43dBm)</b>	≤-155dBc	

#### Environmental & Mechanical Specifications

<b>Durability (matings)</b>	≥500 cycles
<b>Mechanical Shock Test Method</b>	MIL-STD-202, Method 213, Test Condition D
<b>Vibration Test Method</b>	MIL-STD-202, Meth. 204, Cond. A
<b>Temperature Range</b>	-65°C to +85°C
<b>RoHS</b>	Compliant
<b>Sealing Class</b>	IP68 24hr, 1m, 20°C