

N Male Connector Clamp/Non-Solder Contact Attachment for LMR-900, LMR-900-LLPX Cable



EZ-900-NMC-2-SP



Times Microwave Systems Connector Specification

Configuration

- N Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-900, LMR-900-LLPX

Features

- Operating Frequency of 6 GHz Max.
- Good VSWR of 1.3:1
- Silver Plated Brass Contact
- 200 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Type N Male Standard Connector Clamp/Non-Solder Contact Attachment for LMR-900 and LMR-900-LLPX Cable, part number EZ-900-NMC-2-SP, from Times Microwave offered by Fairview Microwave is in-stock and ships same day. This type N male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.3:1.

Times Microwave's type N male connector EZ-900-NMC-2-SP datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.3:1	
Insertion Loss			0.245	dB
Test Voltage (DC)			2,500	Vdc
Insulation Resistance	10,000			MOhms
Impedance		50		Ohms

Electrical Specification Notes:
Insertion loss is equal to $0.1 \cdot \sqrt{F(\text{GHz})}$

Mechanical Specifications

Size

Length	2.36 in [59.94 mm]
Width	1.36 in [34.54 mm]
Height	1.36 in [34.54 mm]
Weight	0.43 lbs [195.04 g]
Mating Cycles	500 Cycles
Mating Torque	1.7 in-lbs [[0.19 Nm]]
Cable Retention Force	1,000 lbs [453.59 kg]

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Material Specifications

Description	Material	Plating
Contact	Brass	Silver 200 µin minimum
Insulation	PTFE	
Body	Brass	Tri-Metal 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum
Gasket	Silicone	

Environmental Specifications

Temperature

Operating Range

-40 to +125 deg C

Shock

MIL-STD 202G, Meth.213, Cond I

Vibration

MIL-STD 202G, Meth.204, Cond.B

Thermal Shock

MIL-STD 202G, Meth.107, Cond.B

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

N Male Connector Clamp/Non-Solder Contact Attachment for LMR-900, LMR-900-LLPX Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Male Connector Clamp/Non-Solder Contact Attachment for LMR-900, LMR-900-LLPX Cable EZ-900-NMC-2-SP](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/n-male-lmr-900-lmr-900-llpx-connector-ez-900-nmc-2-sp.html>

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