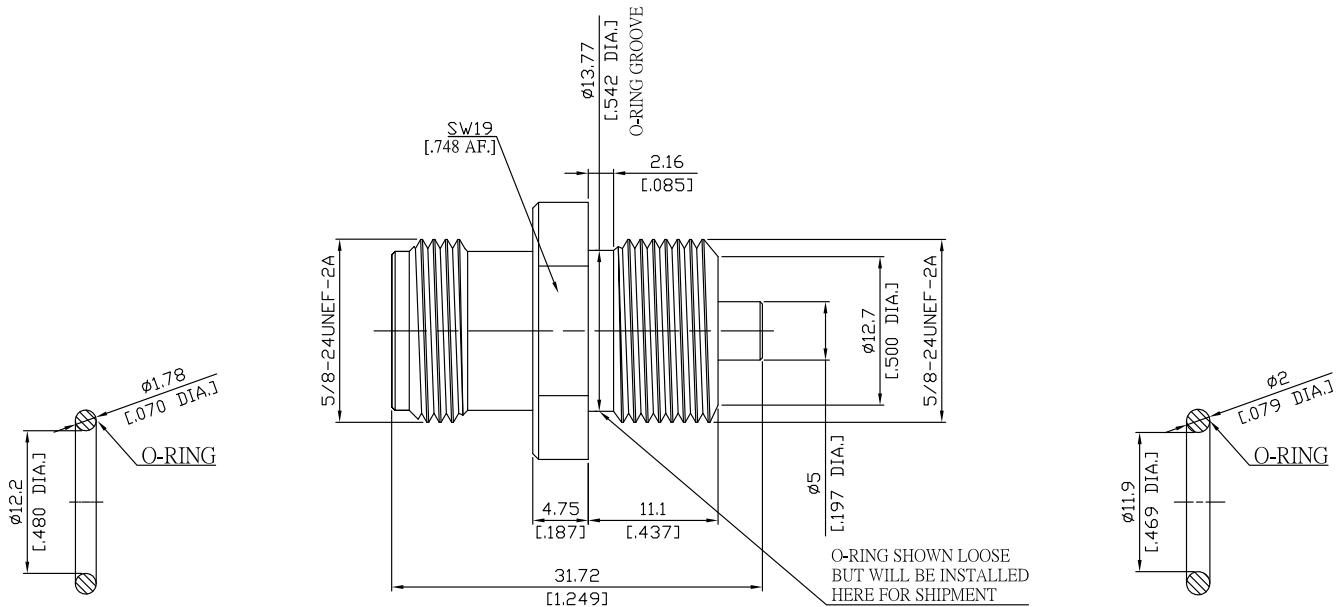


N jack (female) / MCX jack (female) Bulkhead adaptor  
 DC-6GHz VSWR ≤ 1.20

**AD-N2M25A-BH / 94-91**


All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

N according to

IEC 61169-16; CECC 22210; MIL-C-39012; MIL-STD-348A/304

MCX according to

IEC 61169-36; CECC 22220

**Electrical Data**

Impedance

50 Ω

Frequency

DC to 6 GHz

VSWR (Return Loss)

≤ 1.20 (≥ 20.8 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

Insulation resistance

≥ 1 GΩ

Center contact resistance

≤ 5.0 mΩ, MCX side;

≤ 1 mΩ, N side

Outer contact resistance

≤ 2.5 mΩ, MCX side;

≤ 0.25 mΩ, N side

Test voltage

750 V rms

Working voltage

335 V rms

Contact Current

1.5A DC max.

**Material And Plating**

Piece Parts (N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Piece Parts (MCX)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

 Rev.:-  
 Date:  
 JUL/16/2021

 Rosnol RF/Microwave Technology Co., Ltd.  
[www.rosnol.com](http://www.rosnol.com); [info@rosnol.com](mailto:info@rosnol.com)  
 Phone: +886-3-463-5095 / Fax: +886-3-463-5952  
 N-CAGE Code: SFKK0 / ISO9001 Certified

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**N jack (female) / MCX jack (female) Bulkhead adaptor**  
**DC-6GHz VSWR ≤ 1.20**

**AD-N2M25A-BH / 94-91**

**Mechanical Data**

Coupling mechanisms	N side	MCX side
Mating cycles	Screw-lock	Snap-lock
Center contact captivation: axial	min. 500	≥ 500
Engagement force	≥ 28 N	≥ 28 N
Disengagement force	N/A	≤ 25 N
Coupling test torque	N/A	8 N min. to 20 N max.
Recommended torque	max. 1.7 Nm	N/A
	0.7 Nm to 1.1 Nm	N/A

**Environmental Data**

Temperature Range	-55°C to +155°C
Thermal shock	CECC 22 220, Chapter 4.6.7
Vibration	CECC 22 220, Chapter 4.6.3
Corrosion	CECC 22 220, Chapter 4.6.10
Moisture resistance	CECC 22 220, Chapter 4.6.6
RoHS	compliant

**Packing**

Single or 100

**Related Document**

Mounting Dimension MD114