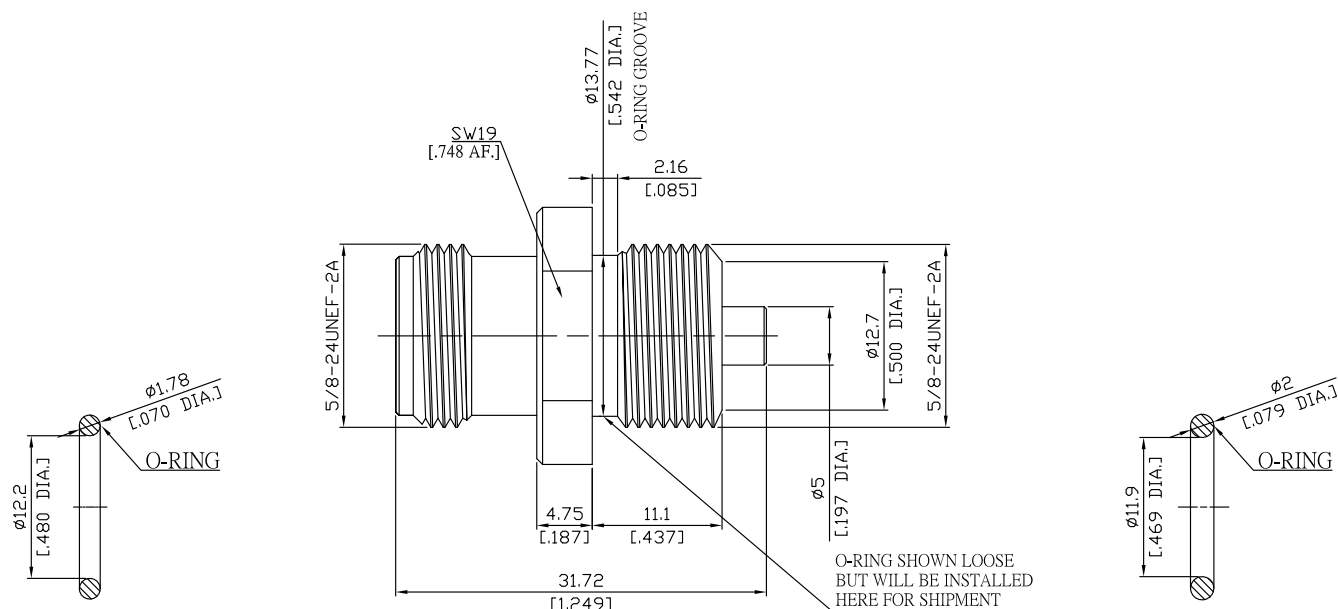


N jack (female) / MCX jack (female) Bulkhead adaptor  
DC-6GHz VSWR ≤ 1.20

**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 × √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	

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

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

**Mechanical Data**

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