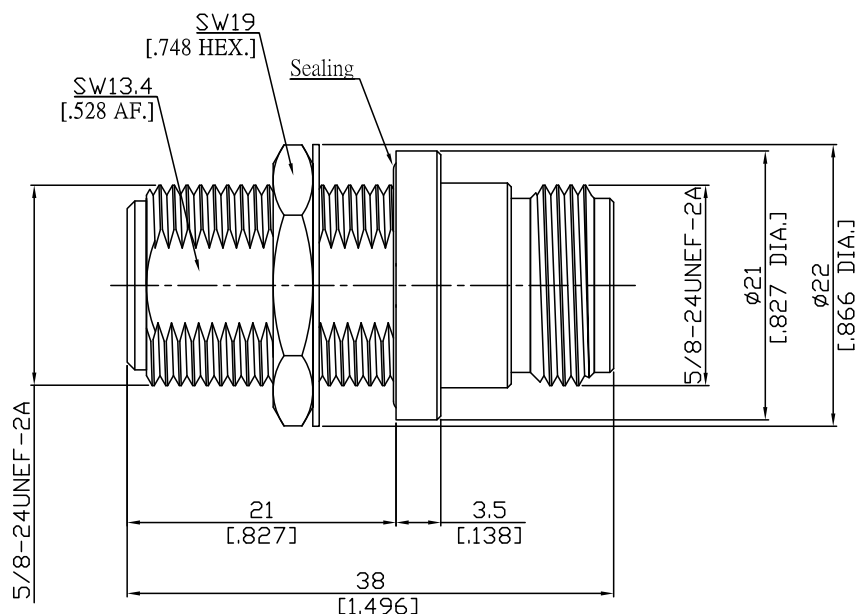


N jack (female) / N jack (female) Bulkhead Adaptor
DC-12 GHz, VSWR ≤ 1.20

AD-N2N25A-BH / 83-83



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

according to

IEC 61169-8; MIL-STD-348B/301

Electrical Data

Impedance

50 Ω

Frequency

DC to 12 GHz

VSWR (Return Loss)

≤ 1.20 (≥ 20.83 dB)

Insertion Loss

≤ 0.1 × √F (GHz) dB

Insulation resistance

≥ 5 GΩ

Center contact resistance

≤ 1 mΩ

Outer contact resistance

≤ 0.25 mΩ

Working voltage

500 V rms

Power handling (at 20 °C, sea level, VSWR 1.0)

1000 W @ 1 GHz

700 W @ 2 GHz

RF-leakage

≥ 128 dB @ DC to 1 GHz

Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Beryllium Copper	Silver
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Fastening nut	Brass	Nickel
Washer	Brass	Nickel
Piece Parts (N)	Material	Plating
Centre contact	Beryllium Copper	Silver
Body	Brass	Nickel
Insulator	PTFE	

N jack (female) / N jack (female) Bulkhead Adaptor
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Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation: axial	≥ 28 N
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.7 Nm to 1.1 Nm

Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100