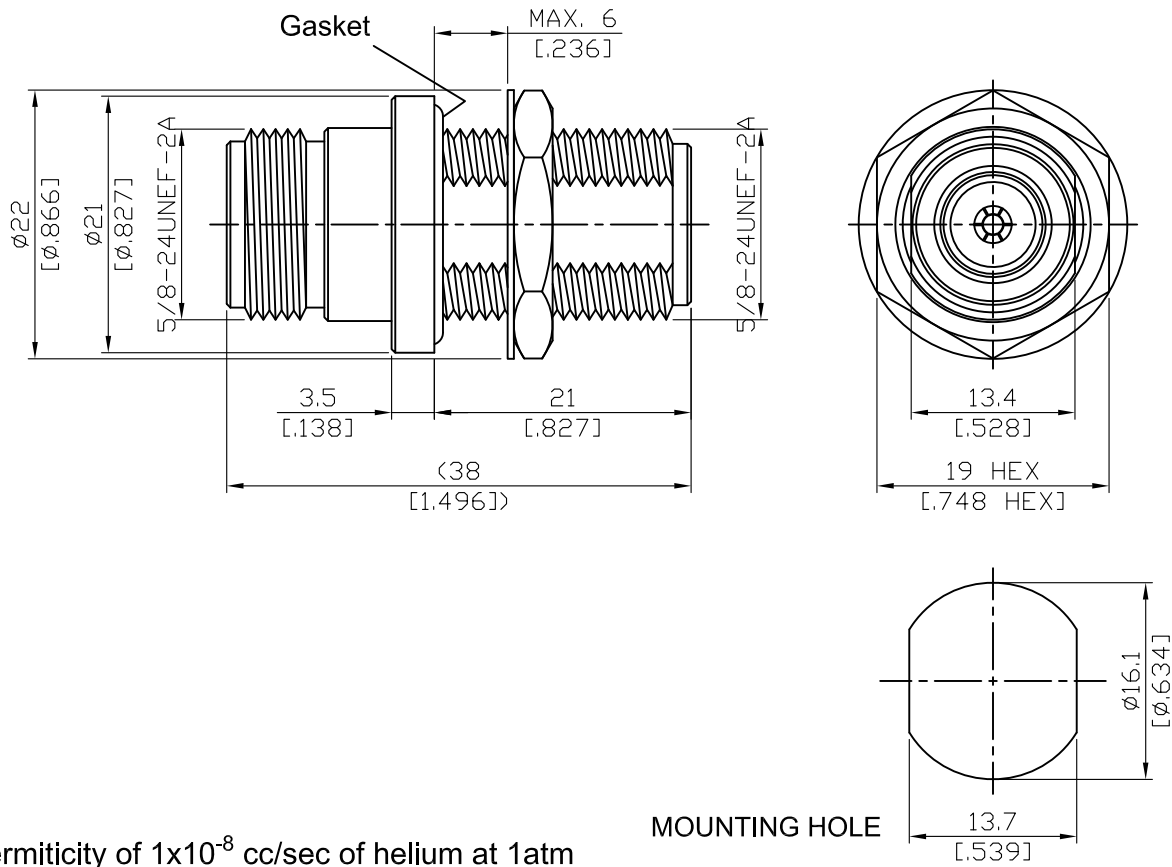


AD-N8N8-BF-18/GB

Hermetic 1×10^{-8} cc/sec of helium at 1atm
N Jack to N Jack Bulkhead; 18GHz VSWR 1.35

50Ω



Hermiticity of 1×10^{-8} cc/sec of helium at 1atm

Parts	Material	Plating (Micro-inch)
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Glass Bead	Kovar+Glass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicone	
Lock Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Hex Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

AD-N8N8-BF-18/GB	Hermetic 1×10^{-8} cc/sec of helium at 1atm N Jack to N Jack Bulkhead; 18GHz VSWR 1.35
Interface	
Standard	MIL-STD-348B
Electrical Data	
Impedance	50 Ω
Frequency Range	DC to 18GHz
VSWR	≤ 1.35 (DC To 18GHz)
Insertion Loss	$\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB
Insulation Resistance	$\geq 5000\text{M}\Omega$
Dielectric Withstanding Voltage (at sea level)	2500 V rms
Working Voltage (at sea level)	1000 V rms
Mechanical Data	
Recommended Coupling Nut Torque	6 to 10 in-lbs
Coupling Proof Torque	15 in-lbs
Contact Captivation-axial	≥ 6.3 lbs
Durability (mating)	≥ 500
Environmental Data	
Temperature Range	-65°C to +165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 206
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant

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