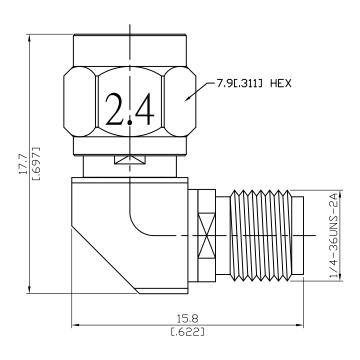


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ALS-A8-2.4/3-27-1.2

Mitered SMA jack to 2.4mm plug 27Ghz VSWR 1.2

50Ω



Parts	Material	Plating ( Micro-inch )	
Coupling Nut	Stainless Steel	Passivated	
Body	Stainless Steel	Passivated	
Insulator (2.4)	PPO		
Insulator (SMA)	PTFE		
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	
Gasket	Silicone		
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50	



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ALS-A8-2.4/3-27-1.2	Mitered SMA jack to 2.4mm plug 27Ghz VSWR 1.2
Interface	2.4 SMA
Standard	MIL-STD-348B MIL-STD-348B
Mechanically compatible with	1.85 2.92 & 3.5
Electrical Data	
Impedance	50Ω
Frequency Range	DC To 27GHz
VSWR	≦1.2 (DC To 27GHz)
Insertion Loss	$\leq$ 0.07 x $\sqrt{f(GHz)}$ dB
Insulation Resistance	$\geq$ 5000M $\Omega$
Dielectric Withstanding Voltage (	at sea level) 500 V rms

Mechanical Data	2.4	SMA
Recommended Coupling Nut Torque	7.08 to 9.74 in-lbs	7.5 to 9.5 in-lbs
Coupling Proof Torque	15 in-lbs	15 in-lbs
Coupling Nut Retention Force	≥60.7 lbs	≧60.7 lbs
Contact Captivation-axial	≥4.5 lbs	≧6.1 lbs
Durability (mating)	≥500	≥500

150 V rms

## **Environmental Data**

Working Voltage (at sea level)

-55°C to +105°C Temperature Range

MIL-STD-202, Method 107, Condition B Thermal Shock

MIL-STD-202, Method 206 Moisture Resistance

MIL-STD-202, Method 101, Condition B Corrosion

Compliant RoHS

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