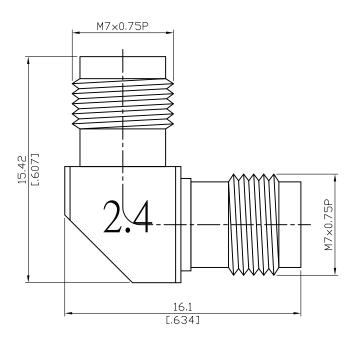


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ALS-2.4/8-2.4/8-1.25 Mitered 2.4mm Jack to 2.4mm Jack 50GHz VSWR 1.25



Parts	Material	Plating (Micro-inch)
Insulator	PPO	
Centre Contact	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Stainless Steel	Passivated



ALS-2.4/8-2.4/8-1.25

Mitered 2.4mm Jack to 2.4mm Jack 50GHz VSWR 1.25

Interface

Standard MIL-STD-348B

Mechanically compatible with 1.85

Electrical Data

Impedance 50Ω

Frequency Range DC to 50GHz

VSWR \leq 1.25 (DC To 50GHz) Insertion Loss \leq 0.07 x \sqrt{f} (GHz) dB

Insulation Resistance $\ge 5000 \text{M}\Omega$ Dielectric Withstanding Voltage (at sea level) 500 V rms Working Voltage (at sea level) 150 V rms

RF Leakage ≥100dB to 1GHz

Mechanical Data

Recommended Coupling Nut Torque 7.08 to 9.74 in-lbs

Coupling Proof Torque 15 in-lbs Contact Captivation-axial \geq 4.5 lbs Durability (mating) \geq 500

Environmental Data

Temperature Range -55°C to +105°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

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

ALS-2.4/8-2.4/8-1.25

