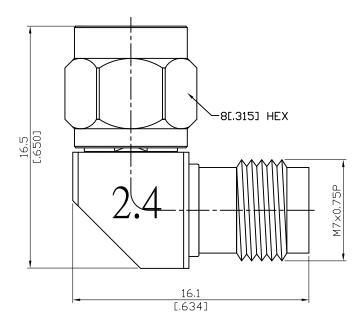


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ALS-2.4/3-2.4/8-1.35

Mitered 2.4mm Plug To 2.4mm Jack 50GHz VSWR 1.35

50Ω



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



ALS-2.4/3-2.4/8-1.35

Mitered 2.4mm Plug To 2.4mm Jack 50GHz VSWR 1.35

Interface

Standard MIL-STD-348B

Mechanically compatible with 1.85

Electrical Data

Impedance 50Ω

Frequency Range DC to 50GHz

VSWR \leq 1.35 (DC To 50GHz) Insertion Loss \leq 0.07 x \sqrt{f} (GHz) dB

Insulation Resistance $\ge 5000 M\Omega$ 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 Torque15 in-lbsCoupling Nut Retention Force ≥ 60.7 lbsContact Captivation-axial ≥ 4.5 lbsDurability (mating) ≥ 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-2.4/3-2.4/8-1.35

