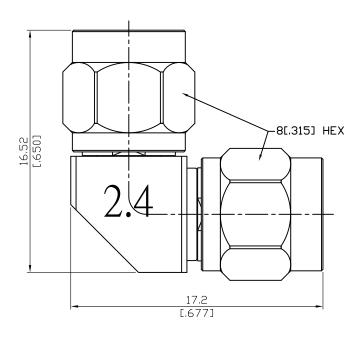


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ALS-2.4/3-2.4/3-1.35

Mitered 2.4mm Plug To 2.4mm Plug 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-2.4/3-2.4/3-1.35

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

Interface

Standard MIL-STD-348B

Mechanically compatible with 1.85

**Electrical Data** 

Impedance  $50\Omega$ 

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 $\geq 60.7$  lbsContact Captivation-axial $\geq 4.5$  lbsDurability (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-2.4/3-2.4/3-1.35

