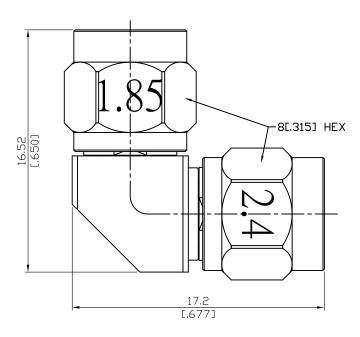


# www.jyebao.com.tw

ALS-1.85/3-2.4/3-1.3

Mitered 1.85mm 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-1	85/3	-2 4	/3-1	3

# Mitered 1.85mm Plug To 2.4mm Plug 50GHz VSWR 1.35

Interface	1.85	2.4
Standard	IEEE287; IEC61169-32	MIL-STD-348B
Mechanically compatible with	2.4	1.85

## Electrical Data

Impedance  $50\Omega$ 

Frequency Range DC To 50GHz

VSWR  $\leq$  1.35 (DC To 50GHz) Insertion Loss  $\leq$  0.08 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 inch lbs

Coupling Proof Torque 15 inch 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-1.85/3-2.4/3-1.3

