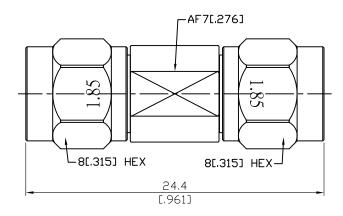


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ADS-1.8/3-1.8/3-1.15

1.85mm Plug To 1.85mm Plug 67GHz VSWR 1.15

50Ω



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



ADS-1.8/3-1.8/3-1.15

1.85mm Plug To 1.85mm Plug 67GHz VSWR 1.15

Interface

Standard IEEE287; IEC61169-32

Mechanically compatible with 2.4

Electrical Data

Impedance 50Ω

Frequency Range DC to 67GHz

VSWR \leq 1.15 (DC To 67GHz) Insertion Loss \leq 0.05 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 ≥100 dB 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.

ADS-1.8/3-1.15

