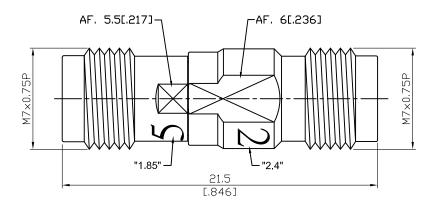


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ADS-1.85/8-2.4/8-1.15

Stainless 1.85mm Jack To 2.4mm Jack 50GHz VSWR 1.15

50Ω



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



ADS-1	.85/8-2	2.4/8-1	.15

Stainless 1.85mm Jack To 2.4mm Jack 50GHz VSWR 1.15

Interface

Standard 1.85 2.4

Mechanically compatible with IEEE287; IEC61169-32 MIL-STD-348B

2.4 1.85

Electrical Data

Impedance 50Ω

Frequency Range DC to 50GHz

VSWR \leq 1.15 (DC to 50GHz) Insertion Loss \leq 0.05 x \sqrt{f} (GHz) dB

Insulation Resistance $\ge 5000 MΩ$ 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 in-lbs
Contact Captivation-axial \geq 4.5 lbs
Durability (mating) \geq 500

Environmental Data

Temperature Range -40°C to +165°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-1.85/8-2.4/8-1.15

