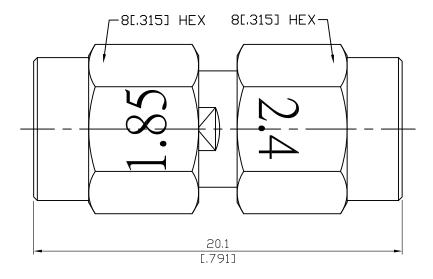


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ADS-1.85/3-2.4/3-1.25

Stainless 1.85mm Plug To 2.4mm Plug 50GHz VSWR 1.25

50Ω



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



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# Stainless 1.85mm Plug To 2.4mm Plug 50GHz VSWR 1.25

#### Interface

Standard 1.85 2.4

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

2.4 1.85

#### **Electrical Data**

Impedance  $50\Omega$ 

Frequency Range DC to 50GHz

VSWR  $\leq$  1.25 (DC to 50GHz) 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 ≥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-1.85/3-2.4/3-1.25

