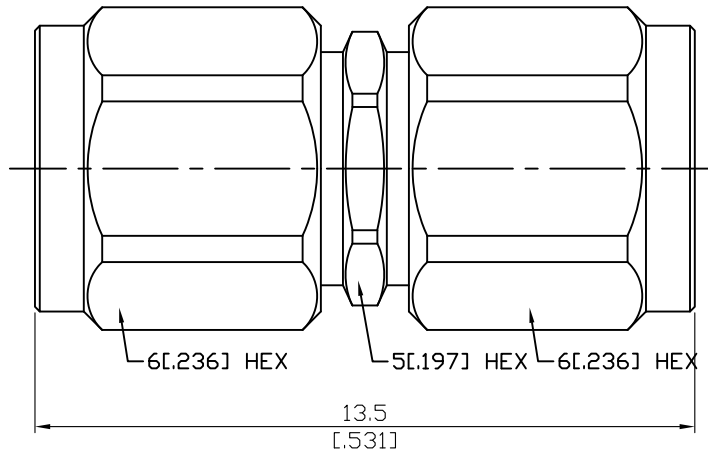


ADS-1.0/3-1.0/3-1.4

1.0mm Plug To 1.0mm Plug  
110GHz VSWR 1.4

50Ω



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

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This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

ADS-1.0/3-1.0/3-1.4	1.0mm Plug To 1.0mm Plug 110GHz VSWR 1.4
<b>Interface</b>	
Standard	IEC61169-31
<b>Electrical Data</b>	
Impedance	50Ω
Frequency Range	DC to 110GHz
VSWR	≤1.4
Insertion loss	≤0.05 x √f(GHz) dB
Insulation Resistance	≥5000MΩ
Dielectric Withstanding Voltage (at sea level)	500 V rms, 50Hz
Working Voltage (at sea level)	150 V rms, 50Hz
RF Leakage	≥90dB to 1GHz
<b>Mechanical Data</b>	
Recommended coupling nut torque	2.65 to 3.63 inch lbs
Coupling proof torque	6.2 inch lbs
Contact Captivation-axial	≥2.25 lbs
Durability (mating)	≥500
<b>Environmental Data</b>	
Temperature Range	-55°C to +105°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Moisture resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

# ADS-1.0/3-1.0/3-1.4

