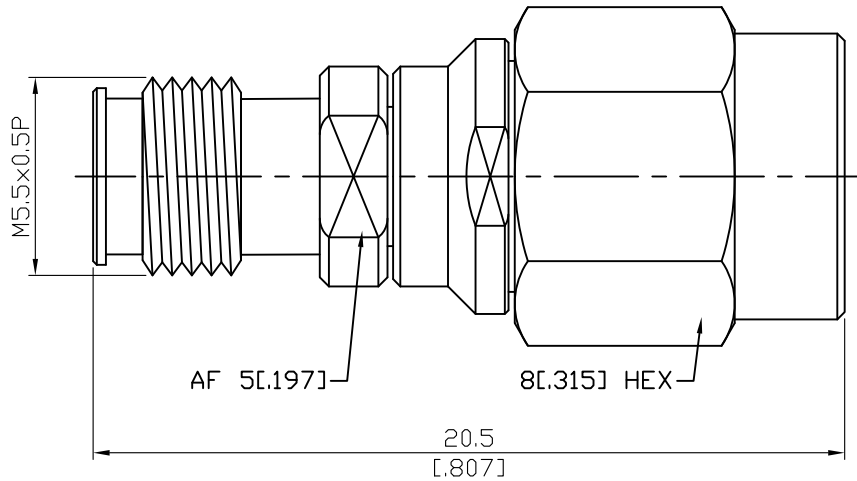


ADS-1.35/8-1.85/3-1.3	1.35mm jack to 1.85mm plug 70GHz VSWR 1.3	50Ω
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Parts	Material	Plating ( Micro-inch )
Coupling Nut	Stainless Steel	Passivated
Body	Stainless Steel	Passivated
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	PEI	
Gasket	Silicone	
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50

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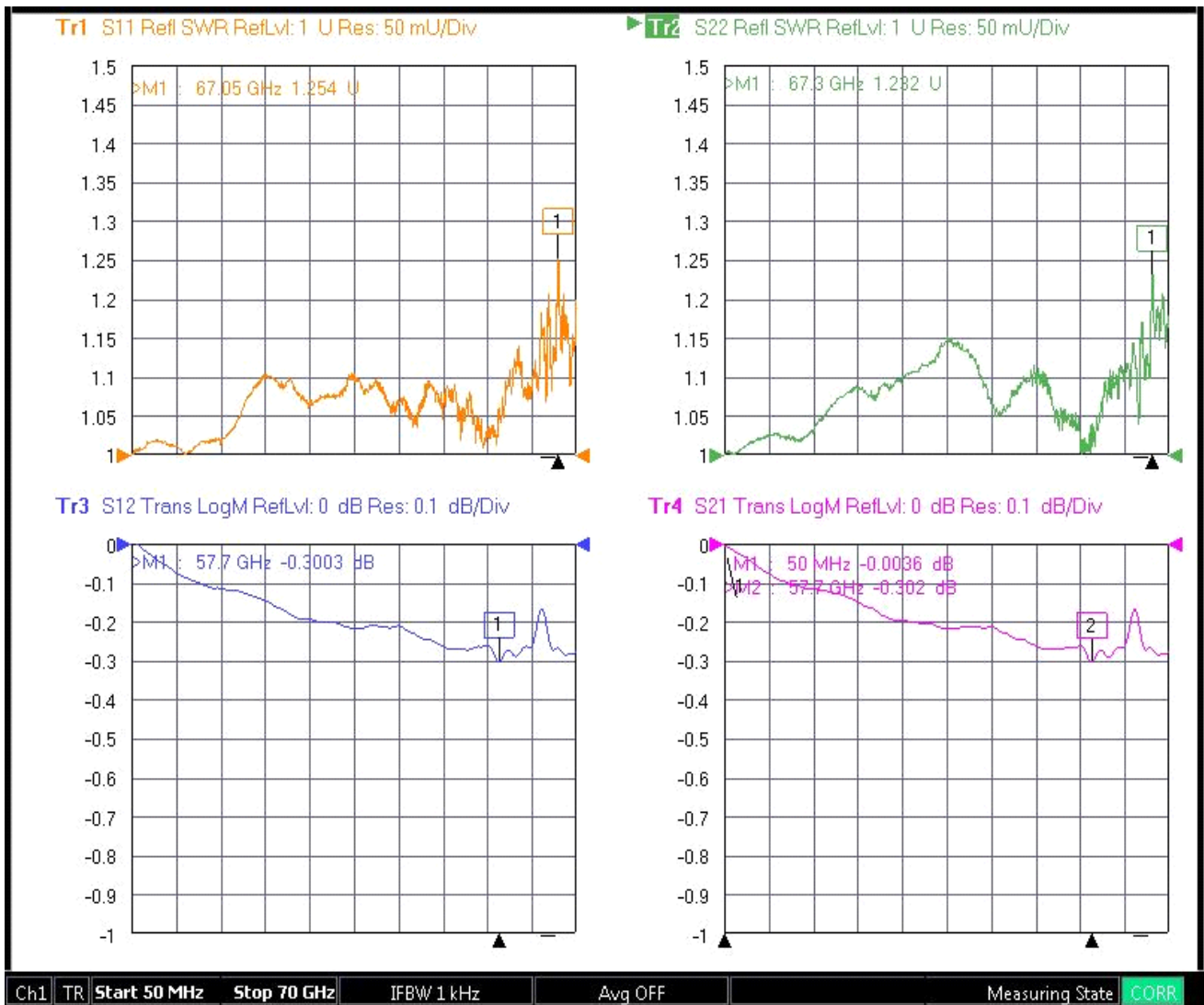
This part number complies with RoHS.

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

ADS-1.35/8-1.85/3-1.3	1.35mm jack to 1.85mm plug 70GHz VSWR 1.3	
<b>Interface</b>	1.35	1.85
Standard	IEC61169-65	IEEE287; IEC61169-32
Mechanically compatible with		2.4
<b>Electrical Data</b>		
Impedance	50Ω	
Frequency Range	DC To 70GHz	
VSWR	≤ 1.3 (DC To 70GHz)	
Insertion Loss	≤ 0.05 x √ f(GHz) dB	
Insulation Resistance	≥ 5000MΩ	
Dielectric Withstanding Voltage (at sea level)	500 V rms	
Working Voltage (at sea level)	150 V rms	
<b>Mechanical Data</b>		
	1.35	1.85
Recommended Coupling Nut Torque	8 in-lbs	7.08 to 9.74 in-lbs
Coupling Proof Torque	14.6 in-lbs	15 in-lbs
Contact Captivation-axial	≥ 2.25 lbs	≥ 4.5 lbs
Durability (mating)	≥ 3000	≥ 500
<b>Environmental Data</b>		
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 -1.35/8-1.85/3-1.3



## Note

“S11/S12/S21/S22 plots shown represent IL and VSWR of two adaptors tested. To extract IL of a single adaptor divide IL measured by two”