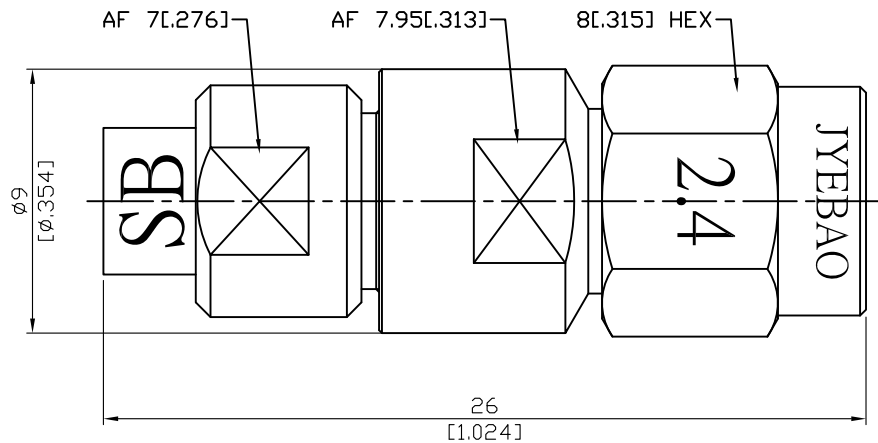


ADS-PS3-2.4/3

SMP Plug Smooth Bore To 2.4mm Plug  
40GHz VSWR 1.3

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

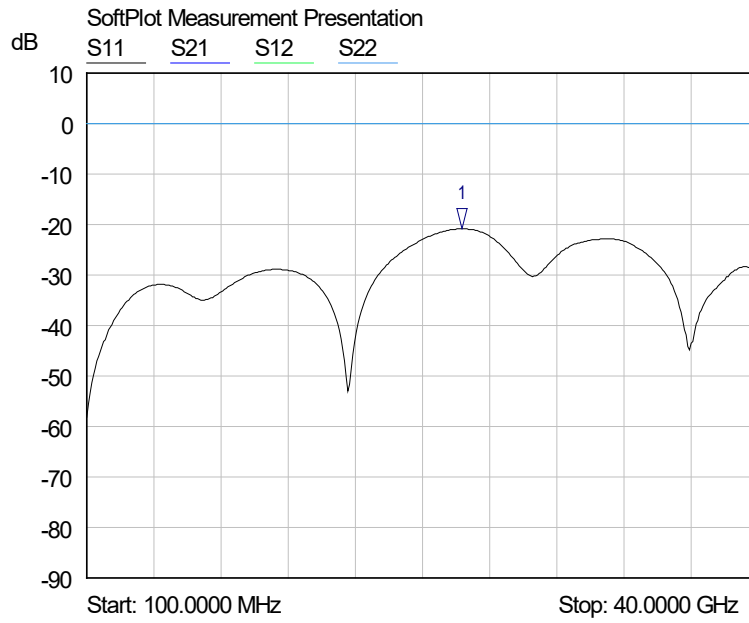
This part number complies with RoHS.

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

ADS-PS3-2.4/3		SMP Plug Smooth Bore To 2.4mm Plug 40GHz VSWR 1.3		
<b>Interface</b>		2.4	SMP	
Standard		MIL-STD-348B	MIL-STD-348B	
Mechanically compatible with		1.85		
<b>Electrical Data</b>				
Impedance	50Ω			
Frequency Range	DC To 40GHz			
VSWR	≤ 1.3 (DC To 40GHz)			
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>		2.4	SMP	
			Full detent	Limited detent
				Smooth bore Catchers Mit
Recommended Coupling Nut Torque		7.08 to 9.74 in-lbs	NA	NA
Coupling Proof Torque		15 in-lbs	NA	NA
Coupling Nut Retention Force		≥ 60.7 lbs	NA	NA
Contact Captivation-axial		≥ 4.5 lbs	NA	NA
Durability (mating)		≥ 500	≥ 100	≥ 500
Engagement Force		NA	≤ 15 lbs	≤ 10 lbs
Disengagement Force		NA	≥ 5 lbs	≥ 2 lbs
Axial Misalignment		NA	+0.00/-0.25(+.000/-0.10)	
Radial Misalignment		NA	+/-0.25(0.010)	
<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 206			
Corrosion	MIL-STD-202, Method 101, Condition B			
RoHS	Compliant			

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# ADS-PS3-2.4/3



1 S11  
▽ 22.4000 GHz  
1.20 VSWR