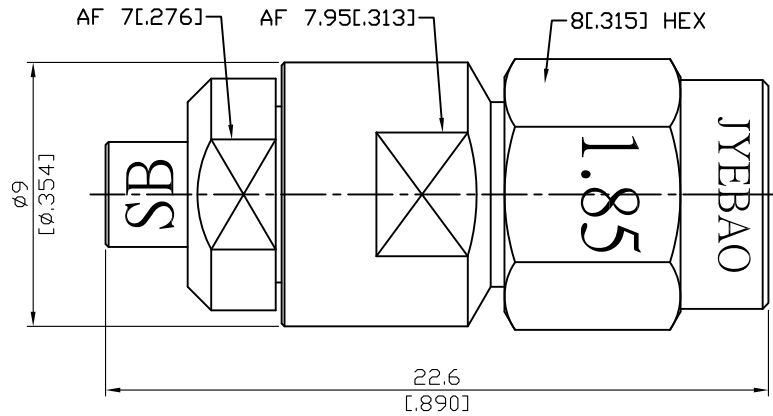


ADS-PMS3-1.85/3

SMPM Plug Smooth Bore To 1.85mm Plug  
65GHz VSWR 1.5

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-PMS3-1.85/3		SMPM Plug Smooth Bore To 1.85mm Plug 65GHz VSWR 1.5	
<b>Interface</b>		1.85	SMPM
Standard		IEEE287; IEC61169-32	MIL-STD-348B
Mechanically compatible with		2.4	
<b>Electrical Data</b>			
Impedance		50Ω	
Frequency Range		DC to 65GHz	
VSWR		≤ 1.5 (DC to 65GHz)	
Insertion Loss		≤ 0.05 x √f(GHz) dB	
Insulation Resistance		≥ 5000MΩ	
Dielectric Withstanding Voltage (at sea level)		325 V rms	
<b>Mechanical Data</b>		1.85	SMPM
			Full detent   Smooth bore
Recommended Coupling Nut Torque		7.08 to 9.74 inch lbs	NA   NA
Coupling Proof Torque		15 in-lbs	NA   NA
Contact Captivation-axial		≥ 4.5 lbs	≥ 1.5 lbs   ≥ 1.5 lbs
Durability (mating)		≥ 500	≥ 100   ≥ 1000
Engagement Force		NA	3.5 lbs typ   1.5 lbs typ
Disengagement Force		NA	5.0 lbs typ   1.5 lbs typ
<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	