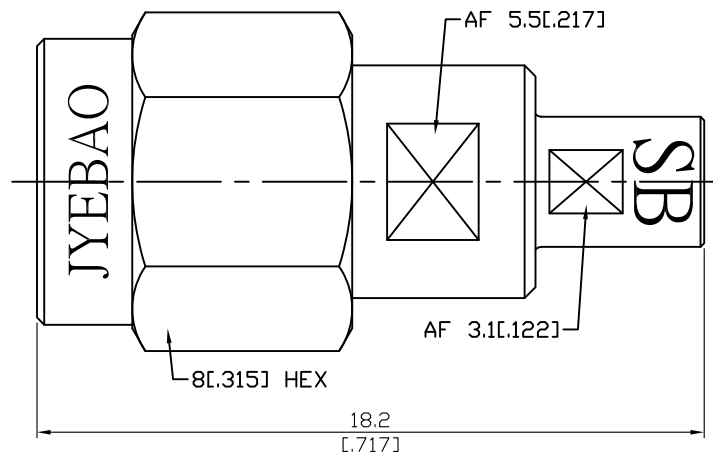


ADS-A3PMS3-18-1.15

SMA Plug To SMPM Plug Smooth Bore
18GHz VSWR 1.15

50Ω



Parts	Material	Plating (Micro-inch)
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
SMA Insulator	Teflon	
SMP Insulator	PEI	
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-A3PMS3-18-1.15	SMA Plug To SMPM Plug Smooth Bore 18GHz VSWR 1.15		
Interface	SMA	SMPM	
Standard	MIL-STD-348B	MIL-STD-348B	
Mechanically compatible with	2.92 & 3.5		
Electrical Data			
Impedance	50Ω		
Frequency Range	DC To 18GHz		
VSWR	≤ 1.15 (DC To 18GHz)		
Insertion Loss	≤ 0.06 x √f(GHz) dB		
Insulation Resistance	≥ 5000MΩ		
Dielectric Withstanding Voltage (at sea level)	325 V rms		
Mechanical Data	SMA	SMPM	
		Full detent	Smooth bore
Recommended Coupling Nut Torque	7 to 9.5 in-lbs	NA	NA
Coupling Proof Torque	15 in-lbs	NA	NA
Coupling Nut Retention Force	≥ 60.7 lbs	NA	NA
Contact Captivation-axial	≥ 6.1 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
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		

ADS-A3PMS3-18-1.15

