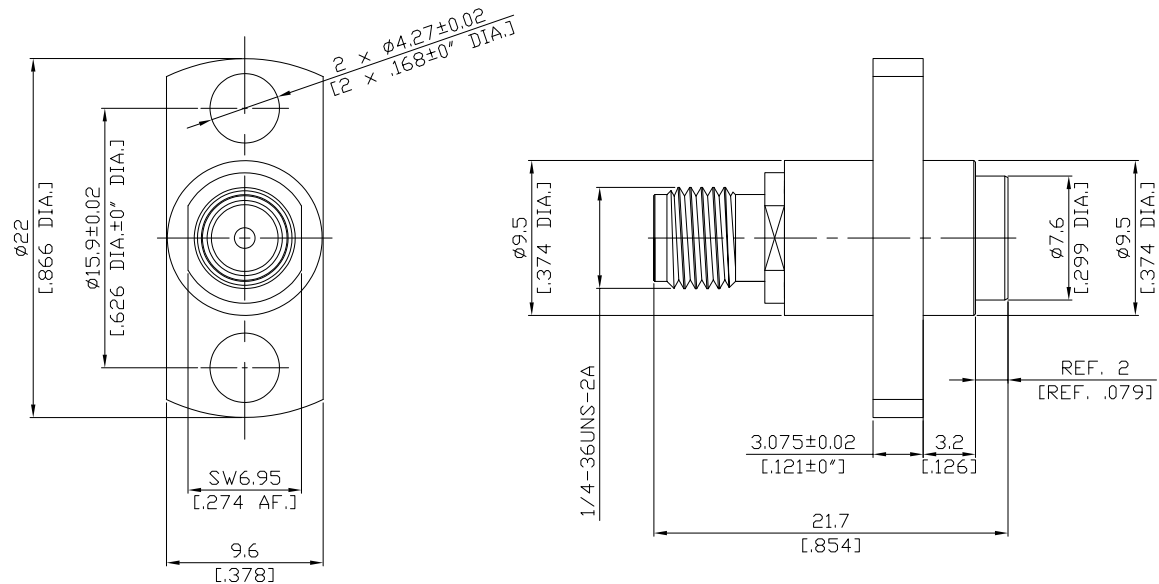


**BMA Jack (Female) to SMA Jack (Female)**  
**2-Hole Panel Adapter Slide-On Adapter, DC-18 GHz, VSWR ≤ 1.25**

**AD-A2BA25A-PT / 9X-9XX**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

SMA according to IEC 60169-15; MIL-STD-348B/310

BMA according to IEC 61169-33; MIL-STD-348A/321

**Electrical Data**

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR (Return Loss)	≤ 1.25 (≥ 19.08 dB)
Insertion loss	≤ 0.05 dB × √F (GHz) dB
Insulation Resistance	≥ 5 GΩ
Center Contact Resistance	≤ 4 mΩ
Outer Contact Resistance	≤ 2 mΩ
Withstanding Voltage (at sea level; min.)	1000 V rms
RF High Potential (at sea level; min. @ 5 MHz)	670 V rms
RF Leakage (min.)	-60 dB @ 2.3 GHz

**Material And Plating**

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PS	
Coupling nut	Stainless Steel	Passivated
Piece Parts (BMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PS	

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:  
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**AD-A2BA25A-PT / 9X-9XX**

**Mechanical Data**

	SMA side	BMA side
Coupling mechanisms	Screw-lock	Slide-On
Mating cycles	≥ 500	≥ 500
Center Contact Captivation: axial	≥ 6 lbs	≥ 6 lbs
Coupling test torque	1.70 Nm	N/A
Recommended torque	0.70 Nm to 1.10 Nm	N/A

**Environmental Data**

Temperature Range	-65°C to +165°C
Thermal Shock	MIL-STD-202, Meth. 107, Cond. C
Shock	MIL-STD-202, Meth. 213, Cond. I
Corrosion	MIL-STD-202, Meth. 101, Cond. B (salt spray: 5%)
Vibration	MIL-STD-202, Meth. 204, Cond. D
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

**Packing**

Single or 100