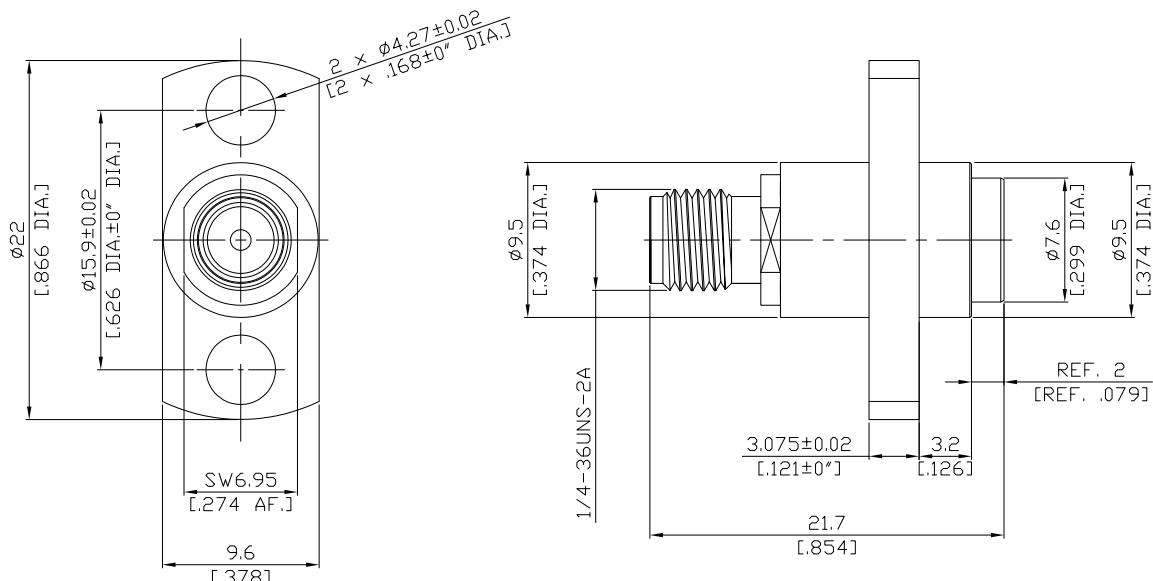


BMA Jack (Female) to SMA Jack (Female)
2-Hole Panel Adapter Slide-On Adapter, DC-18 GHz, VSWR ≤ 1.25

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 x √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 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PS	
Coupling nut	Stainless Steel	Passivated
Piece Parts (BMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
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.:-
Date:
JUL/16/2021

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**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

Mechanical Data

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