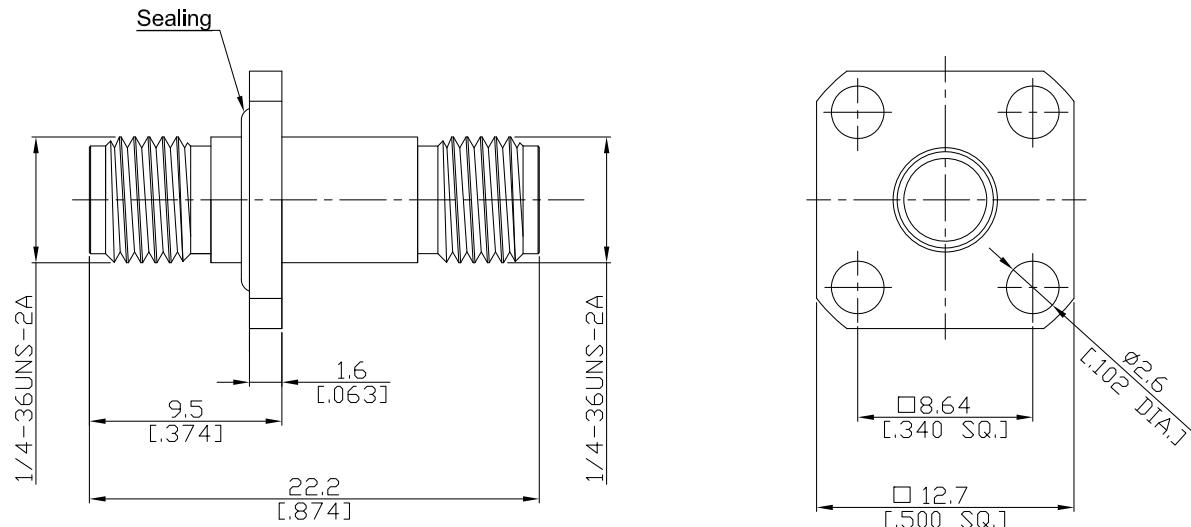


SMA jack (female)/SMA jack (female)  
Panel 4 Hole Flange Mount Adapte DC-18 GHz, VSWR ≤ 1.15

## AD-A2A25D-PF / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

according to

IEC 60169-15; MIL-STD-348B/310

## Electrical Data

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR (Return Loss)	≤ 1.15 (> 23.1 dB)
Insertion Loss	≤ 0.05 x √F (GHz) dB
Insulation resistance	≤ 3 mΩ
Center contact resistance	≤ 2 mΩ
Outer contact resistance	1000 V rms
Test voltage	480 V rms
Power handling (at 20 °C, sea level, VSWR 1.0)	≤ 200 W @ 2 GHz
RF-leakage	≥ 100 dB up to 1 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	PTFE	
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	PTFE	
Gasket	Silicone Rubber	

SMA jack (female)/SMA jack (female)  
Panel 4 Hole Flange Mount Adapte DC-18 GHz, VSWR ≤ 1.15

**AD-A2A25D-PF / 9X-9X**

**Mechanical Data**

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation: axial	≥ 27 N
radial	≥ 3 Ncm
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.8 Nm to 1.1 Nm

**Environmental Data**

Temperature Range	-65 °C to +155 °C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

**Packing**

Single or 100