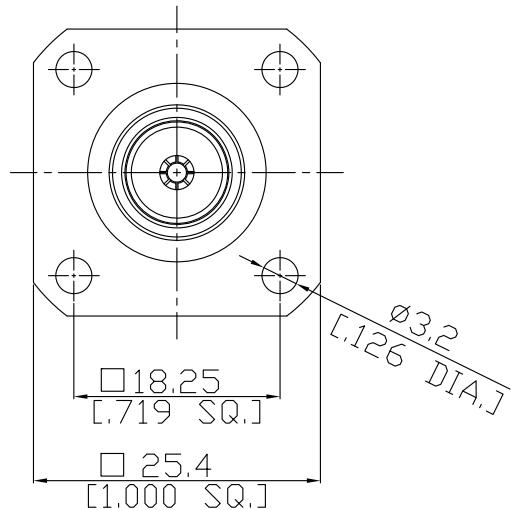
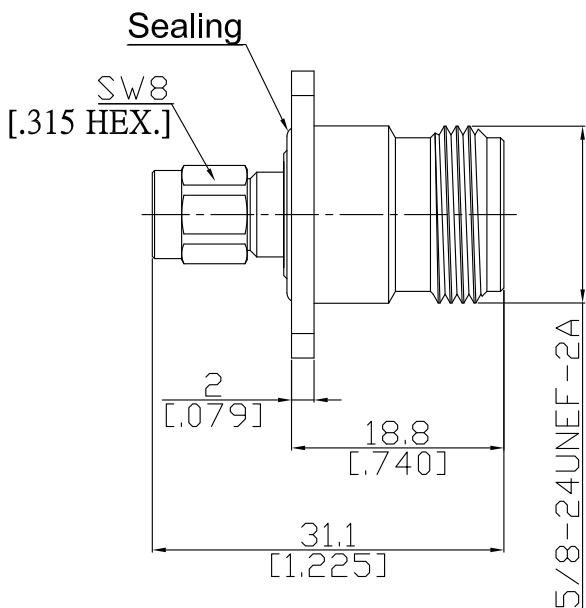


SMA Plug (male)/Precision N jack(female)  
4 Hole Panel Flange Adaptor, DC-18 GHz, VSWR ≤ 1.2

## AD-A1PCN25A-PF / H11-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

SMA according to	IEC 60169-15; MIL-STD-348B/310
Precision N according to	IEC 61169-16; MIL-STD-348B/402

## Electrical Data

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR (Return Loss)	≤ 1.2 (≥ 20.83 dB)
Insertion loss	≤ 0.04 x √F (GHz) dB
Insulation resistance	≥ 5 GΩ
Test voltage (at sea level)	1000 V rms
Working voltage (at sea level)	480 V rms
RF-leakage	≥ 90 dB up to 1 GHz

## Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Piece Parts (Precision N)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	

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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N-CAGE Code: SFKK0 / ISO9001 Certified

Page

1/2

SMA Plug (male)/Precision N jack(female)  
4 Hole Panel Flange Adaptor, DC-18 GHz, VSWR ≤ 1.2

## AD-A1PCN25A-PF / H11-H4

### Mechanical Data

Coupling mechanisms	SMA side	Precision N side
Mating cycles	Screw-lock	Screw-lock
Center contact captivation: axial	min. 500	min. 500
Coupling test torque	≥ 28 N	≥ 28 N
Recommended torque	max. 1.7 Nm 0.80 Nm to 1.10 Nm	max. 1.7 Nm 0.70 Nm to 1.10 Nm

### Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	IEC 61169-1, Subclause 9.4.4
Corrosion	IEC 61169-1, Subclause 9.4.6
Vibration	IEC 61169-1, Subclause 9.3.3
Shock	IEC 61169-1, Subclause 9.3.14
Moisture resistance	IEC 61169-1, Subclause 9.4.3
RoHS	compliant

### Packing

Single or 100