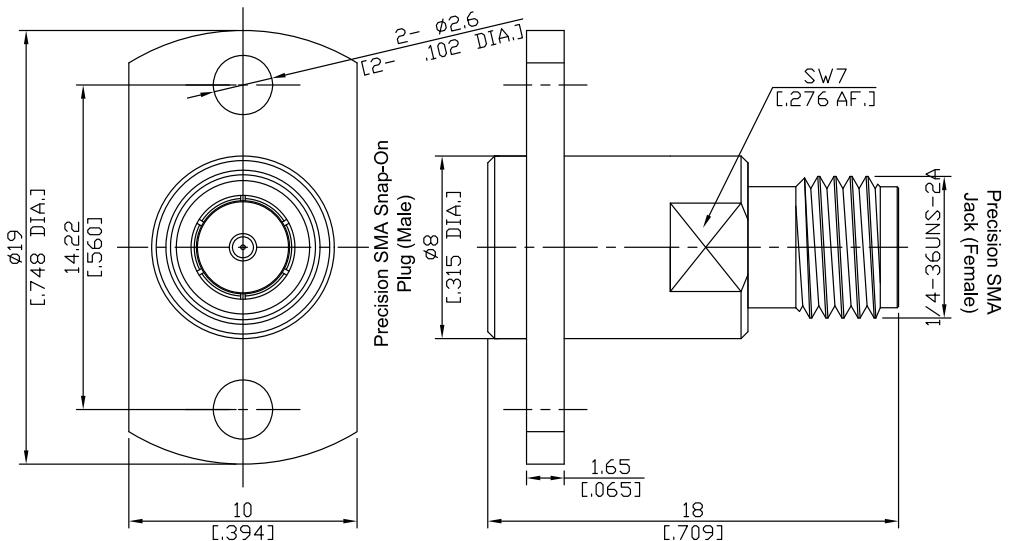


Precision SMA Snap-On Plug (Male) to Precision SMA Jack (Female),
 2-Hole Flange Mount Adapter, DC-26.5 GHz, VSWR ≤ 1.2

AD-PCAQ1PCA25A-PT / 99X-9X



mm		inch	
Max.	Min.	Max.	Min.
A	8.10	8.05	.319
B	2.7	2.6	.106
C	14.27	14.17	.562
			.558

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-15; CECC 22110; MIL-PRF-39012; MIL-STD-348B/310; EN 122110

Electrical Data

Impedance	50 Ω
Frequency	DC to 26.5 GHz
VSWR (Return Loss)	≤ 1.2 (≥ 20.83 dB)
Insertion loss	≤ 0.04 x √F (GHz) dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 3 mΩ
Outer contact resistance	≤ 2 mΩ
Test voltage	1000 V rms
Working voltage	480 V rms

Material And Plating

Piece Parts (Precision SMA Snap-On)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (Precision SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	

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AD-PCAQ1PCA25A-PT / 99X-9X

Mechanical Data

Coupling mechanisms
Mating cycles
Center contact captivation

Precision SMA Snap-On side
Snap-lock
 \geq 500
 \geq 27 N

Precision SMA side
Screw-lock
min. 500
 \geq 27 N

Environmental Data

Temperature range
Thermal shock
Corrosion
Vibration
Shock
Moisture resistance
RoHS

-65°C to +165°C
MIL-STD-202, Meth. 107, Cond. B
MIL-STD-202, Meth. 101, Cond. B
MIL-STD-202, Meth. 204, Cond. D
MIL-STD-202, Meth. 213, Cond. I
MIL-STD-202, Meth. 106
compliant

Packing

Single or 100