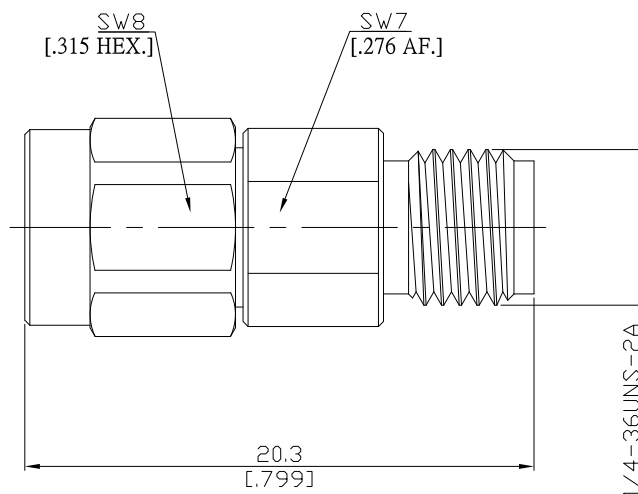


Precision SMA plug (male) / 3.5mm jack (female) Adapter
DC-27 GHz VSWR1.15

AD-PCA1PC25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

Precision SMA according to
3.5mm according to

IEC 60169-15; MIL-STD-348B/310
IEC 60169-23

Electrical Data

Impedance

50 Ω

Frequency

DC to 27 GHz

VSWR (Return Loss)

≤ 1.15 (≥ 23.13 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

Mechanical Data

Coupling mechanisms

Precision SMA side

3.5mm side

Mating Cycles

Screw-lock

Screw-lock

Center contact captivation

≥ 500

≥ 500

Coupling test torque

≥ 10 N

≥ 27 N

Recommended Torque

max. 1.7 Nm

1.70 Nm

0.8 Nm to 1.1 Nm

0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range

-65°C to +100°C

RoHS

compliant

Material And Plating

Piece Parts (Precision SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Coupling nut	Stainless Steel	Passivated
Piece Parts (3.5mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PS	
Gasket	Silicone Rubber	

Packing

Single or 100