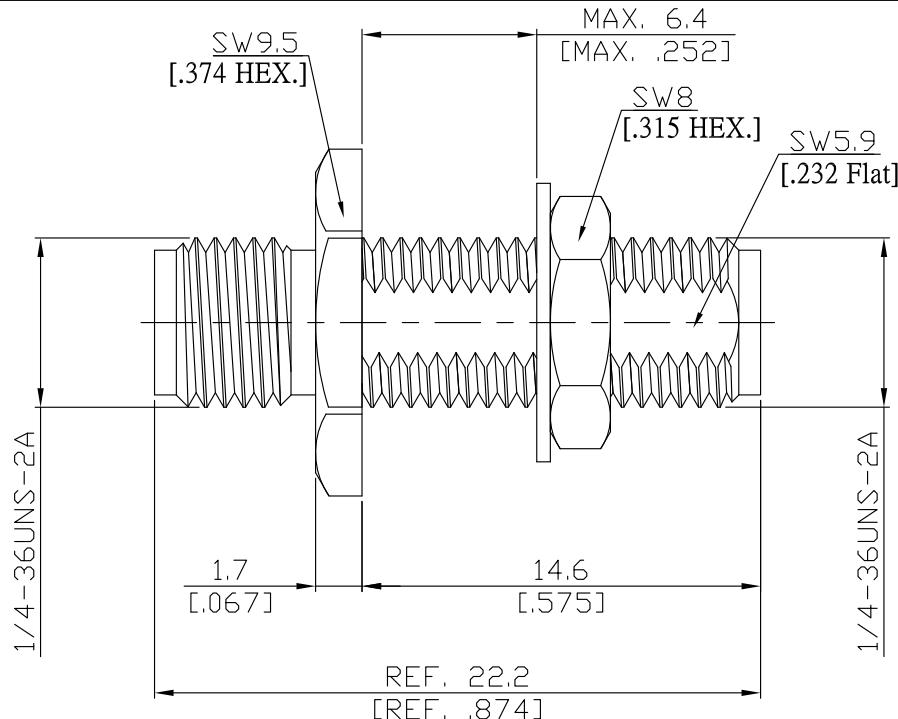


3.5mm Jack (Female) to 3.5mm Jack (Female) Bulkhead Adaptor
 DC-34.5 GHz, VSWR \leq 1.15

AD-PC2PC25A-BH / 9X-9X


All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

according to

IEC 60169-23E

Electrical Data

Impedance

 50 Ω

Frequency

DC to 34.5 GHz

VSWR (Return Loss)

 ≤ 1.15 (≥ 23.13 dB)

Insertion Loss

 $\leq 0.05 \times \sqrt{f}$ (GHz) dB

Insulation resistance

 ≥ 5 G Ω

Test voltage (at sea level)

1000 V rms

Working voltage (at sea level)

335 V rms

RF-leakage

 ≥ 100 dB up to 1 GHz

Material And Plating

Piece Parts (3.5mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Stainless Steel	Passivated
Insulator	PS	
Fastening nut	Stainless Steel	Passivated
Washer	Stainless Steel	Passivated
Piece Parts (3.5mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Stainless Steel	Passivated
Insulator	PS	

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation: axial	$\geq 27 \text{ N}$
radial	$\geq 0.01 \text{ Nm}$
Coupling test torque	1.7 Nm
Recommended torque	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-55°C to +155°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100