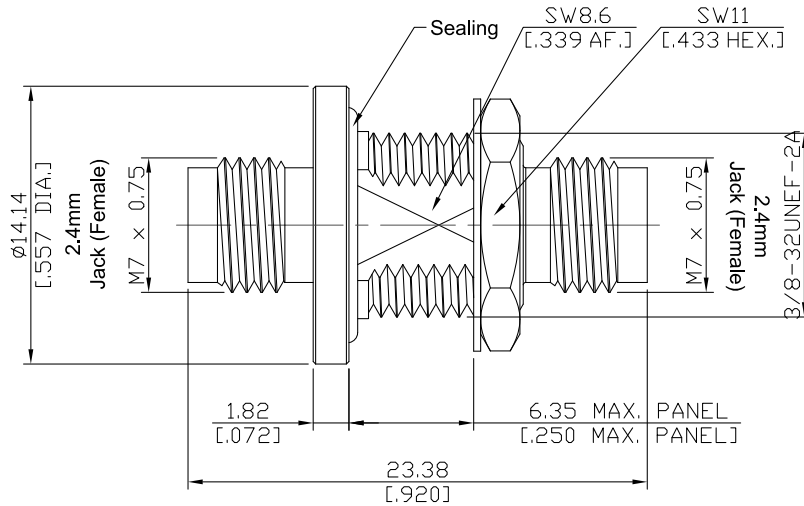


Hermetically Sealed 2.4mm Jack (Female) to 2.4mm Jack (Female) Bulkhead Mount Adapter, DC - 50 GHz, VSWR 1.4

**ADH-Q2Q25A-BHS / 9X-9X**



Mounting Dimension

	mm		inch	
	Max.	Min.	Max.	Min.
A	9.78	9.65	.385	.380
B	8.89	8.76	.350	.345

All dimensions are in mm [inch]  
Tolerances according to DIN ISO 2768-mH

**Interface**

According to IEC 61169-40; IEEE Std 287; MIL-STD-348B/324

**Electrical Data**

Impedance	50 Ω
Frequency	DC to 50 GHz
VSWR (Return Loss)	≤ 1.4 (≥ 15.56 dB)
Insertion Loss	≤ 0.08 x √F (GHz) dB
Insulation resistance	≥ 5 GΩ
Test voltage	750 V rms
Working voltage	250 V rms
RF-leakage	≥ 100 dB up to 1 GHz

**Material And Plating**

Piece Parts (2.4mm)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PEI	
Gasket	Silicone Rubber	
Fastening Nut	Brass	Copper-Tin-Zinc Alloy
Washer	Brass	Copper-Tin-Zinc Alloy
Glass seal	Glass	
Piece Parts (2.4mm)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PEI	

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**Mechanical Data**

Coupling mechanisms	Screw-On
Mating Cycles	≥ 500
Center Contact Captivation: axial	≥ 20 N
Coupling test torque	max. 1.65 Nm
Recommended Torque	0.80 Nm to 1.10 Nm

**Environmental Data**

Temperature Range	-55°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
Hermetic seal: leak rate	≤ 1x10E-8 SCC/Sec of helium under pressure differential of 15PSIG

**Packing**

Single or 100