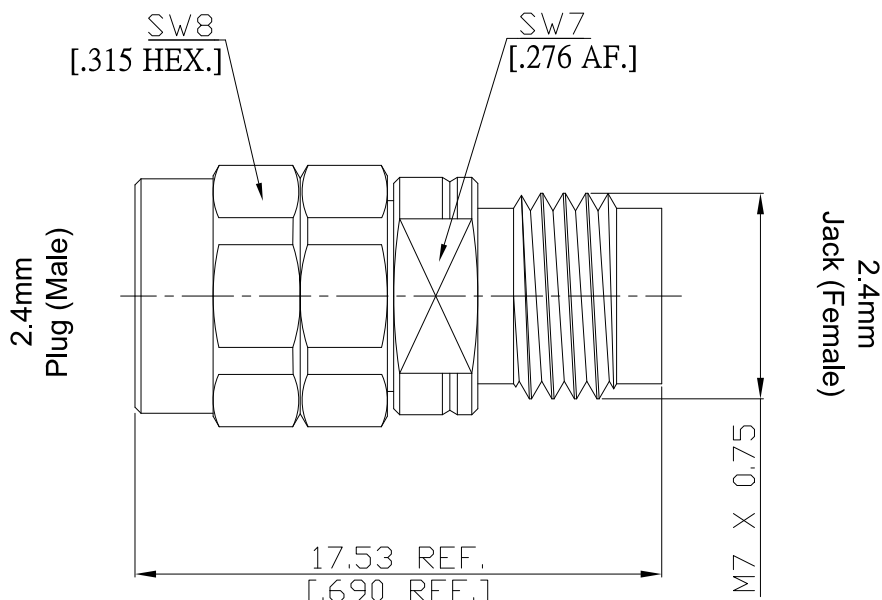


2.4mm Plug (Male) to 2.4mm Jack (Female) Adapter  
DC-40GHz VSWR1.2

**AD-Q1Q25A / 9XX-9X**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

Mechanically compatible with

1.85mm

According to

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

**Electrical Data**

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

≤ 1.20 (≥ 20.83 dB)

Insertion Loss

≤ 0.16 dB

Insulation Resistance

≥ 5 GΩ

Test Voltage (at sea level)

500 V rms

Working Voltage (at sea level)

150 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	
Coupling Nut	Stainless Steel	Passivated
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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DC-40GHz VSWR1.2

**AD-Q1Q25A / 9XX-9X**

**Mechanical Data**

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Center Contact Captivation: axial	≥ 20 N
Coupling Test Torque	1.65 Nm
Recommended Torque	0.80 Nm to 1.10 Nm

**Environmental Data**

Temperature Range	-40°C to +85°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