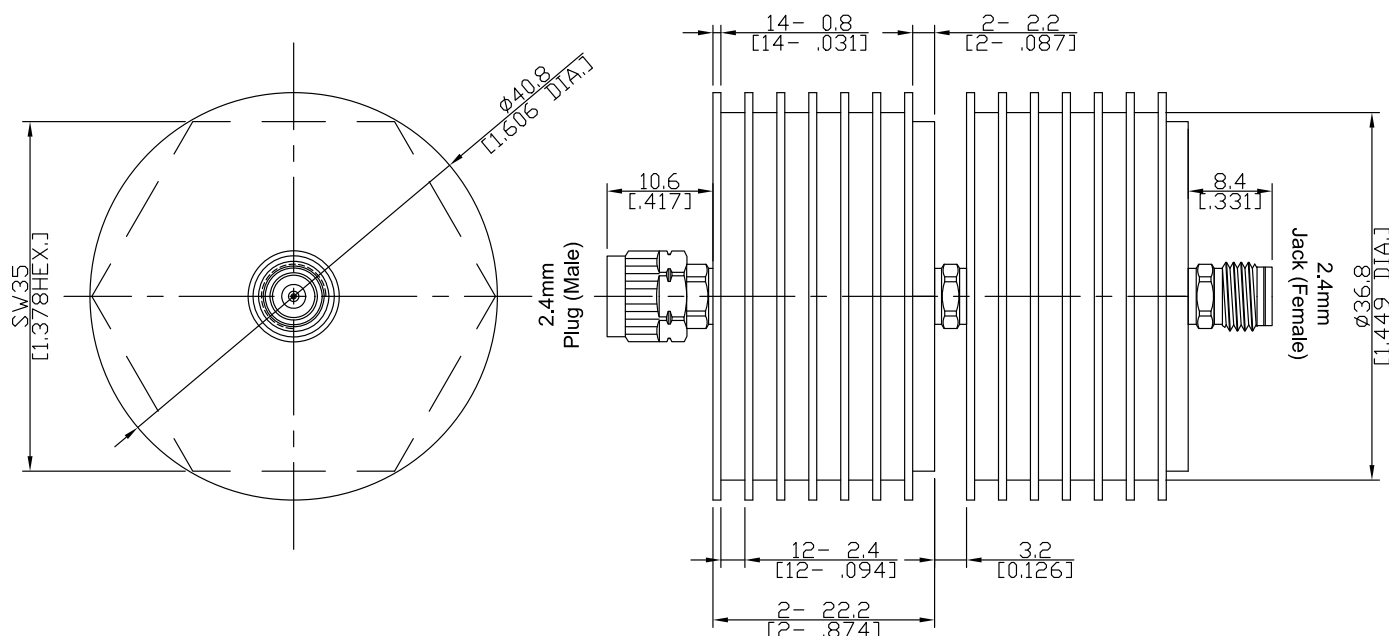


2.4mm Plug (Male) to 2.4mm Jack (Female) Fixed Attenuator
DC-50GHz VSWR1.58

FA-Q1Q25A-50G25W30 / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

Mechanically compatible with

According to

Electrical Data

Impedance

Frequency

VSWR (Return Loss)

Insertion Loss

Insulation Resistance

Input Power

1.85mm

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

50 Ω

DC to 50 GHz

≤ 1.58 (≥ 12.96 dB)

≤ 0.05 × √F (GHz) dB

≥ 5 GΩ

25 Watts average to 25°C

Accuracy Of Attenuation & Power

Nominal Attenuation(dB) 30

Deviation (± dB) -1.8/+2.2

Material And Plating

Piece Parts (2.4mm)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PEI	
Gasket	Silicone Rubber	
Coupling Nut	Stainless Steel	Passivated
Heatsink	Aluminum	Black anodized
Piece Parts (2.4mm)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PEI	

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Mechanical Data

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

Environmental Data

Temperature Range	-55°C to +100°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