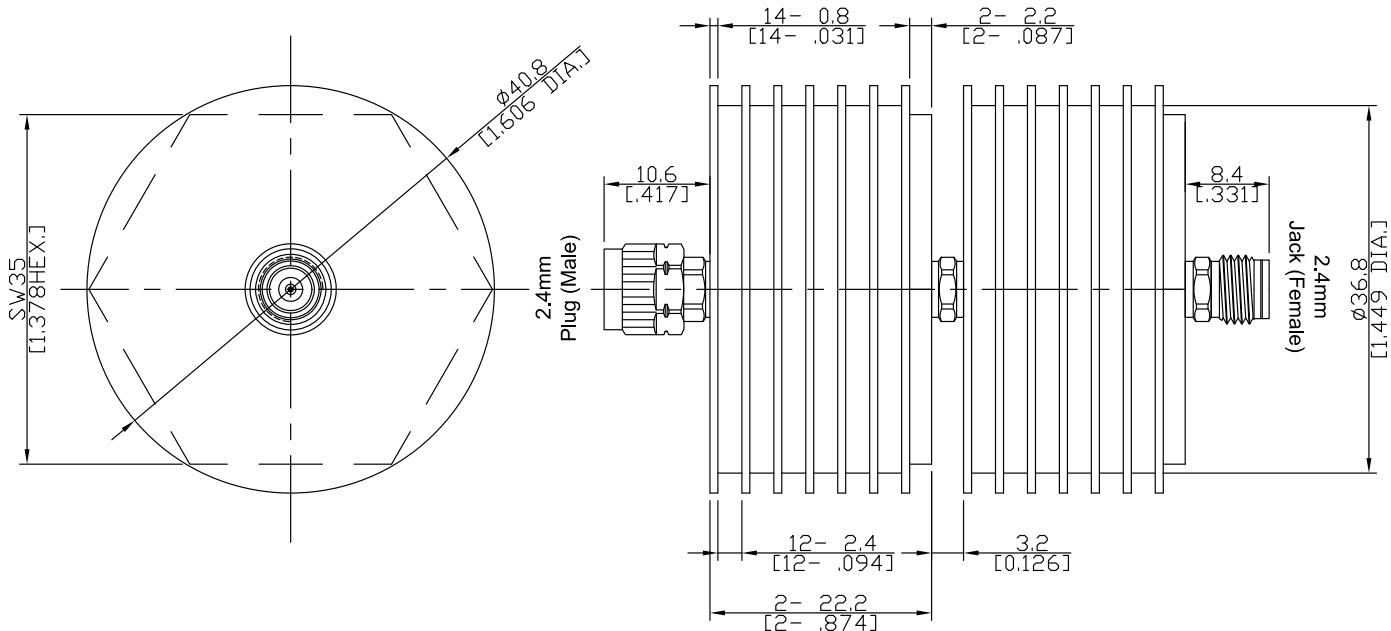


2.4mm Plug (Male) to 2.4mm Jack (Female) Fixed Attenuator  
DC-50GHz VSWR1.58

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



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

Mechanically compatible with

According to

1.85mm

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

#### Electrical Data

Impedance

50 Ω

Frequency

DC to 50 GHz

VSWR (Return Loss)

≤ 1.58 (≥ 12.96 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

Insulation Resistance

≥ 5 GΩ

Input Power

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	

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:-

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N-CAGE Code: SFKK0 / ISO9001 Certified

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

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

## 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