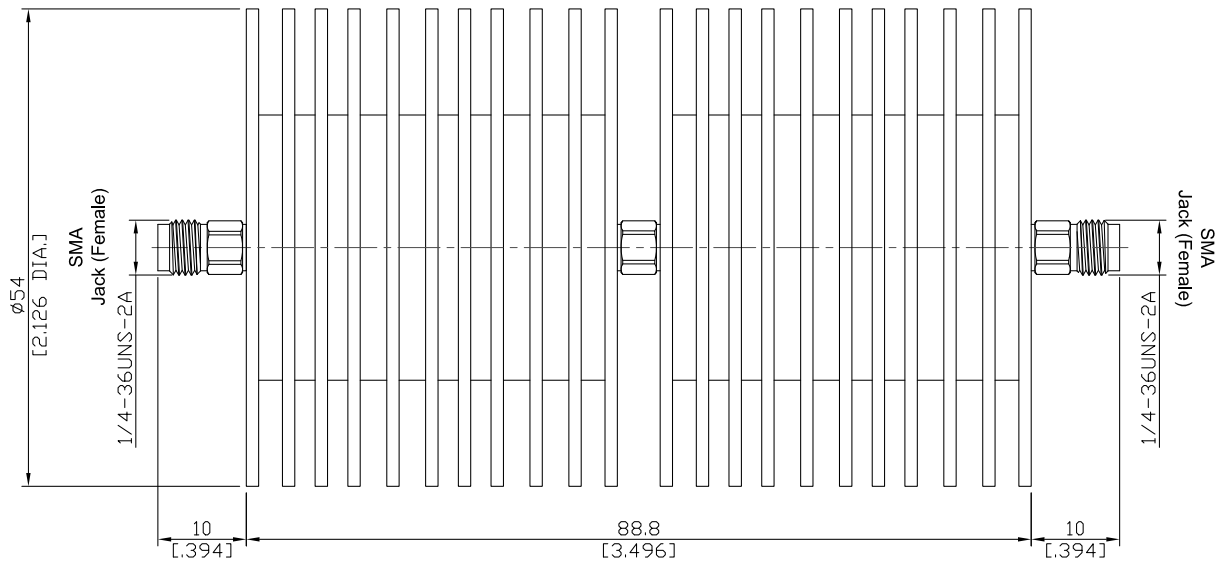


40 dB Fixed Attenuator, SMA Jack (Female) to SMA Jack (Female) Rated to 50 Watts  
Up to 18 GHz VSWR 1.3

## FA-A2A25A-18G50W40 / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to

IEC 60169-15; CECC 22110; MIL-PRF-39012; MIL-STD-348B/310; EN 122110

### Electrical Data

Impedance

50  $\Omega$

Frequency

DC to 18 GHz

VSWR (Return Loss)

$\leq 1.3$  ( $\geq 17.69$  dB)

Average power at 25°C

50 W

Peak power

200 Watts (5  $\mu$ Sec Pulse Width , 10% Duty Cycle)

### Accuracy Of Attenuation & Power

Nominal Attenuation (dB) 40

Deviation ( $\pm$  dB) -1.0/+1.3

### Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PTFE	
Heatsink	Aluminum	Black anodized
Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PTFE	

40 dB Fixed Attenuator, SMA Jack (Female) to SMA Jack (Female) Rated to 50 Watts  
Up to 18 GHz VSWR 1.3

## FA-A2A25A-18G50W40 / 9X-9X

### Mechanical Data

Coupling mechanisms	Screw-On
Mating Cycles	≥ 500
Center Contact Captivation: axial	≥ 27 N
Coupling Test Torque	max. 1.70 Nm
Recommended Torque	0.8 Nm to 1.1 Nm

### Environmental Data

Temperature Range	-55°C to + 125°C
RoHS	compliant

### Packing

Single or 100