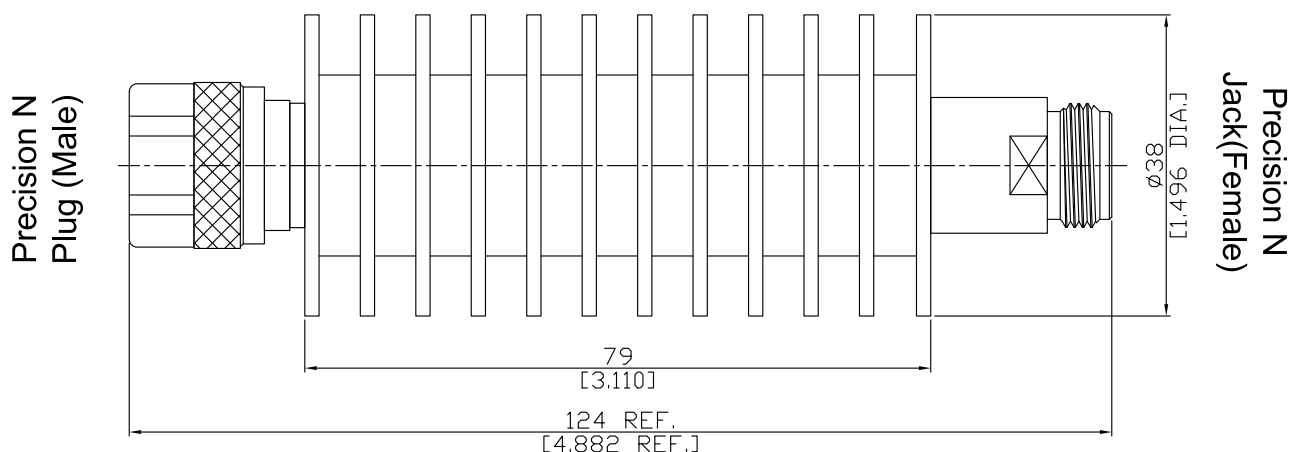


Fixed Attenuator N Male To N Female Up To 18 GHz Rated To 50 Watts

## FA-PCN1PCN25A-18G50W10 / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to

IEC 60169-16; MIL-STD-348A/402; CECC 22210

### Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.4 (≥ 15.6 dB)

Power handling (Watt)

50 Watts Average at 25°C

Peak Power

1000 Watts (5 µSec Pulse Width, 5% Duty Cycle)

### Accuracy Of Attenuation & Power

Nominal Attenuation(dB)	10
Deviation (± dB)	1.5

### Material And Plating

Piece Parts	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Stainless steel	Passivated
Heatsinks	Aluminum	Black anodized
Piece Parts	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless steel	Passivated
Insulator	PTFE	

Fixed Attenuator N Male To N Female Up To 18 GHz Rated To 50 Watts

## FA-PCN1PCN25A-18G50W10 / 9XX-9X

### Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Coupling Nut Retention	≥ 450 N
Center Contact Captivation: axial	≥ 28 N
Coupling Test Torque	1.70 Nm max.

### Environmental Data

Temperature Range	-55°C to + 125°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition G
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

### Packing

Single or 100