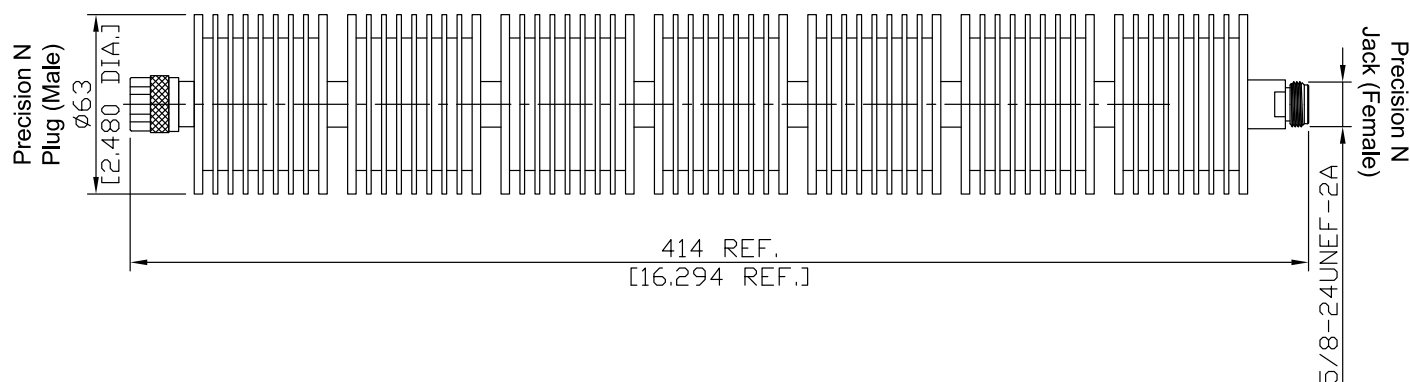


Fixed Attenuator Precision N Plug (Male) To Precision N Jack (Female)  
Up To 18 GHz Rated To 250 Watts

**FA-PCN1PCN25A-18G250W50 / H33-H3**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to

IEC 61169-16; MIL-STD 348B/402; IEEE Std 287; MIL-PRF-39012

**Electrical Data**

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.55 (≥ 13.32 dB)

Power rating

250 Watts Average at 25°C

Peak Power

1000 Watts (5 μSec Pulse Width , 10% Duty Cycle)

**Accuracy Of Attenuation**

Nominal Attenuation(dB)	50
Deviation (± dB)	-2.5 / +3.5

**Material And Plating**

Piece Parts (Precision N)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Nickel
Heatsink	Aluminum	Black anodized
Piece Parts (Precision N)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating
Body	Brass	Nickel
Insulator	PTFE	

Fixed Attenuator Precision N Plug (Male) To Precision N Jack (Female)  
Up To 18 GHz Rated To 250 Watts

## FA-PCN1PCN25A-18G250W50 / H33-H3

### 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.
Recommended torque	0.7 Nm to 1.1 Nm

### Environmental Data

Temperature Range	-55°C to + 100°C
RoHS	compliant

### Packing

Single or 100