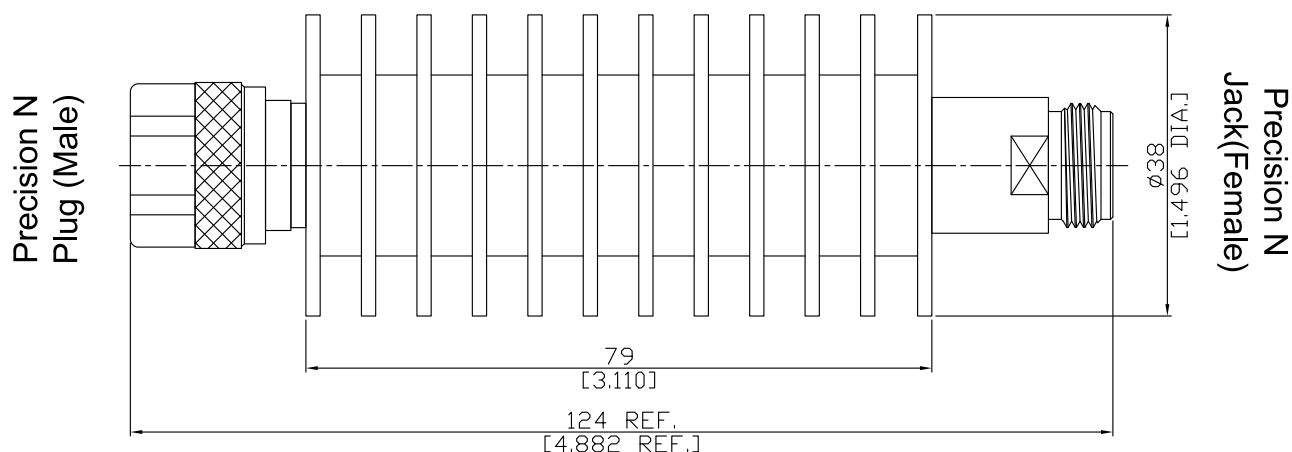


Fixed Attenuator N Male To N Female Up To 18 GHz Rated To 50 Watts 30dB

FA-PCN1PCN25A-18G50W30 / 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)

≤ 1.4 (≥ 15.6 dB)

Power handling (Watt)

50 Watts Average at 25°C

Peak Power

1000 Watts (5 μ Sec Pulse Width, 5% Duty Cycle)

Accuracy Of Attenuation & Power

Nominal Attenuation(dB)	30
Deviation (\pm dB)	1.5

Material And Plating

Piece Parts (Precision N)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Nickel
Heatsinks	Aluminum	Black anodized
Piece Parts (Precision N)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	

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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
RoHS	compliant

Packing

Single or 100