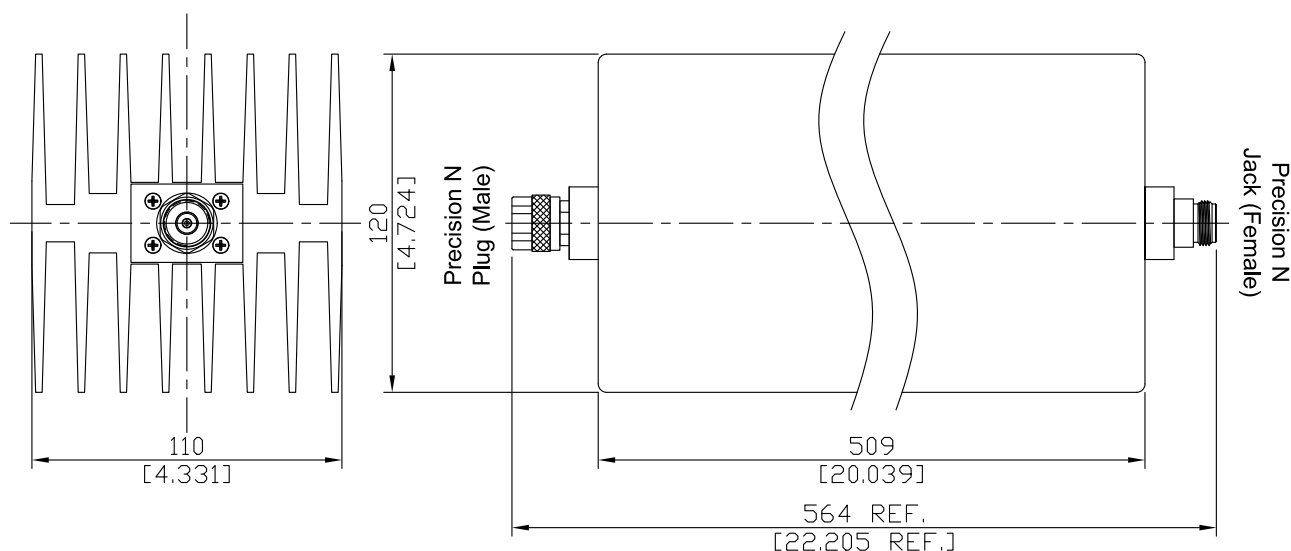


Fixed Attenuator Precision N Male To Precision N Female Up To 18 GHz Rated To 500 Watts

FA-PCN1PCN25A-18G500W20 / 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)

≤ 1.5 (≥ 13.98 dB)

Power Handling

500W corresponds to an ambient temperature of 25°C, when the temperature rises to 125°C, the power decreases linearly to 50W

Peak Power

5000Watts (5 μ Sec Pulse Width , 5% Duty Cycle)

Accuracy Of Attenuation

Nominal Attenuation(dB)	20
Deviation ($\pm$ dB)	5.0

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 Male To Precision N Female Up To 18 GHz Rated To 500 Watts

FA-PCN1PCN25A-18G500W20 / 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