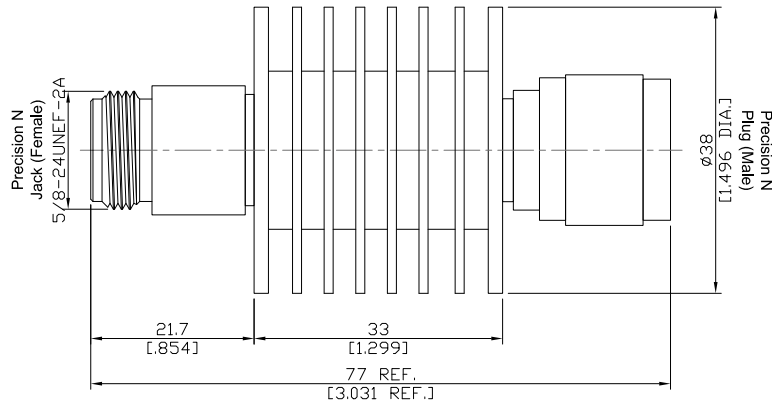


30 dB Fixed Attenuator Precision N Plug (Male) to Precision N Jack (Female),
DC - 18 GHz, 10 W

FA-PCN1PCN25A-18G10W30 / 933-93



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 (≥ 15.56 dB)
Average power at 25°C 10 W
Peak Power 1000 W (5 μSec Pulse Width, 1% Duty Cycle)

Accuracy Of Attenuation & Power

Nominal Attenuation(dB)	30
Deviation (± dB)	1.2

Material And Plating

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

Mechanical Data

Coupling mechanisms Screw-On
Mating Cycles ≥ 500
Coupling Nut Retention ≥ 450 N
Center Contact Captivation: axial ≥ 28 N
Coupling Test Torque max. 1.70 Nm
Recommended torque 1.0 Nm

Environmental Data

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

Packing

Single or 100