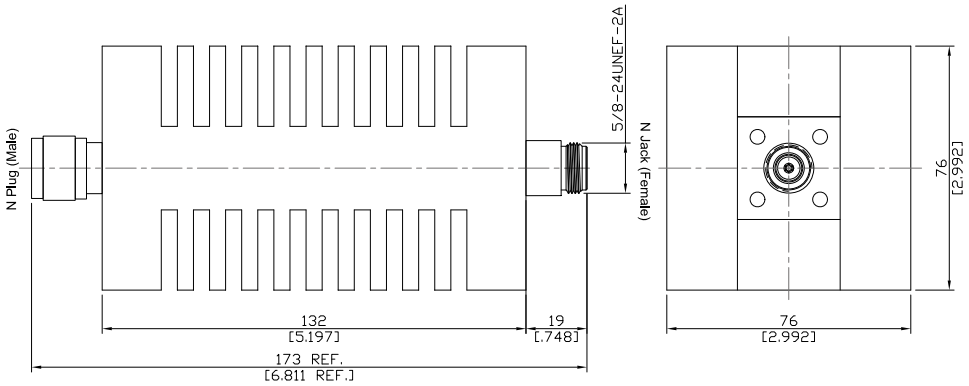
ROSNOL®
RF/Microwave Interconnect

Technical Data Sheet

40 dB Fixed Attenuator, N Plug (Male) to N Jack (Female), DC–6 GHz, 100 W

FA-N1N25A-6G100W30 / 933-93



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

According to	IEC 60169-16; MIL-STD-348B/304; CECC 22210; MIL-PRF-39012

Electrical Data

Impedance	50 Ω
Frequency	DC to 6 GHz
VSWR (Return Loss)	≤ 1.3 (≥ 17.69 dB)
Average Power at 25°C	100 W
Peak Power	5000 Watts (5 µSec Pulse Width , 2% Duty Cycle)

Accuracy Of Attenuation & Power

Nominal Attenuation(dB)	40
Deviation (± dB)	0.75

Material And Plating

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

Piece Parts (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

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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