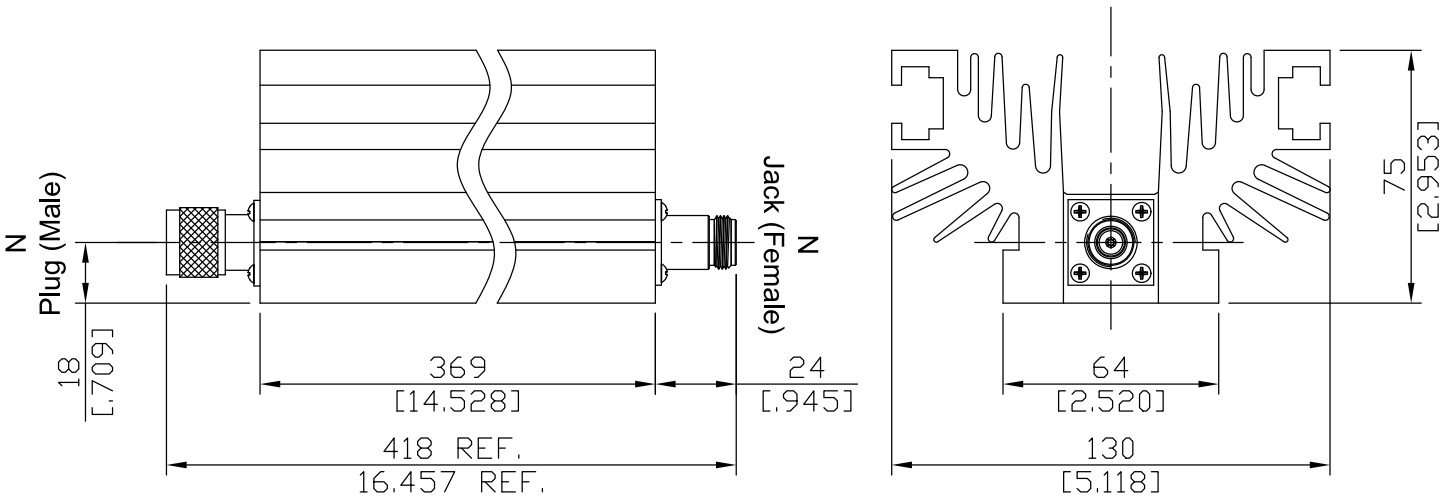
ROSNOL®
RF/Microwave Interconnect

Technical Data Sheet

30 dB Fixed Attenuator, N Plug (Male) to N Jack (Female), DC–6 GHz, 500 W

FA-N1N25A-6G500W30 / 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, CECC22210, MIL-PRF-39012

Electrical Data

Impedance	50 Ω
Frequency	DC to 6 GHz
VSWR (Return Loss)	≤ 1.35 (≥ 16.54 dB)
Average Power at 25 °C	500 W

Accuracy of Attenuation & Power

Nominal Attenuation(dB)	30
Deviation (± dB)	-1.2 / +1.5

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
Heatsinks	Aluminum	Black anodized

Piece Parts (N)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating
Body	Brass	Nickel
Insulator	PTFE	

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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N-CAGE Code: SFKK0 / ISO9001 Certified

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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
Weight	4.5 Kg
Environmental Data	
Temperature Range	-55°C to +125°C
RoHS	Compliant
Packing	
	Single or 100

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