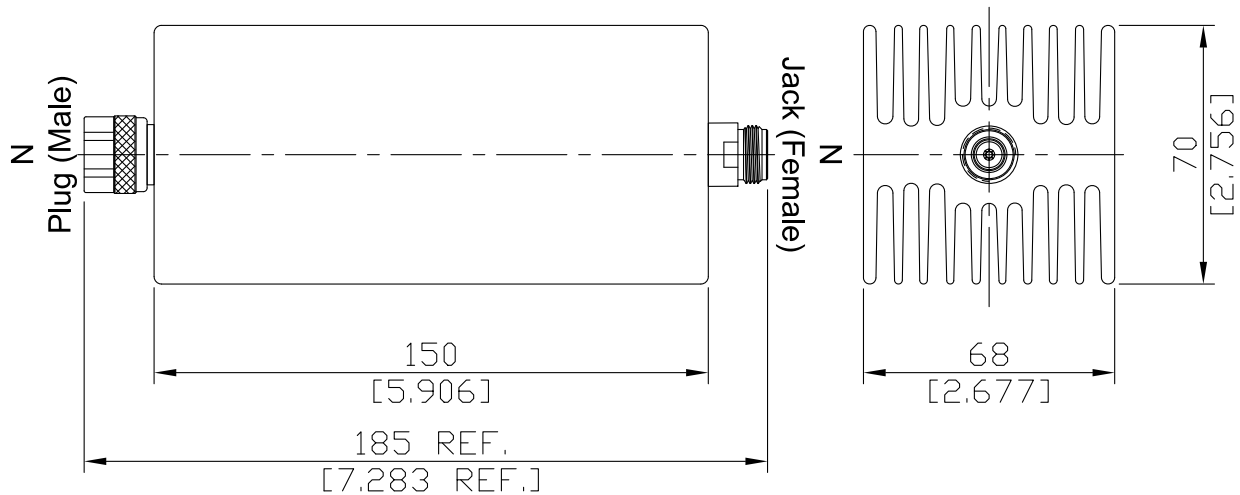


Fixed Attenuator N Male To N Female Up To 8.5 GHz Rated To 100 Watts

FA-N1N25A-8.5G100W20 / H33-H3



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 8.5 GHz

VSWR (Return Loss)

≤ 1.35 (≥ 16.54 dB)

Average power at 25°C

100 Watts

Peak Power

5000Watts (5 μSec Pulse Width , 2% Duty Cycle)

Accuracy Of Attenuation & Power

Nominal Attenuation (dB)	20
Deviation (± dB)	1.2

Material And Plating

Piece Parts (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
Heatsink	Aluminum	Black anodized
Piece Parts (N)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
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.

Rev.:-
Date:
JAN/27/2026

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N-CAGE Code: SFKK0 / ISO9001 Certified

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Fixed Attenuator N Male To N Female Up To 8.5 GHz Rated To 100 Watts

FA-N1N25A-8.5G100W20 / 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	1.0 Nm

Environmental Data

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

Packing

Single or 100