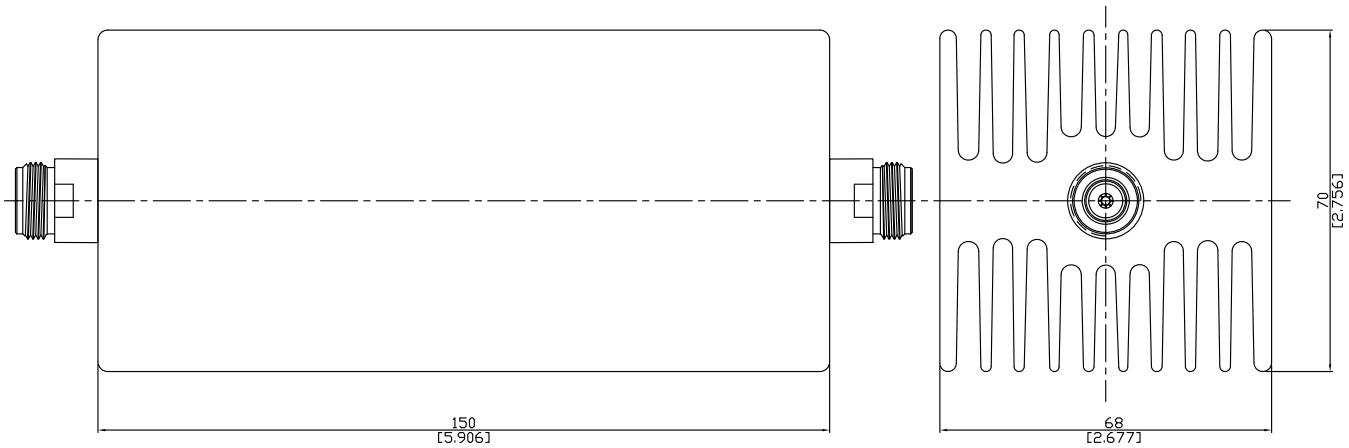
ROSNOL
RF/Microwave Interconnect

Technical Data Sheet

Fixed Attenuator N Female To N Female Up To 6 GHz Rated To 100 Watts

FA-N2N25A-6G100W30 / H3-H3



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

Interface

According to	IEC 60169-16;MIL-STD-348/304;CECC 22 210

Electrical Data

Impedance	50 Ω
Frequency	DC to 6 GHz
VSWR (Return Loss)	≤ 1.35(≥ 16.54 dB)
Power rating	100Watts Average at 25°C

Accuracy Of Attenuation & Power

Nominal Attenuation(dB)	30
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	
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	

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N-CAGE Code: SFKK0 / ISO9001 Certified

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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 + 125°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition I
Moisture Resistance	MIL-STD-202, Method 106
Degree of protection (mated pair)	IEC 60529, IP65
RoHS	compliant
Packing	
	Single or 100

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