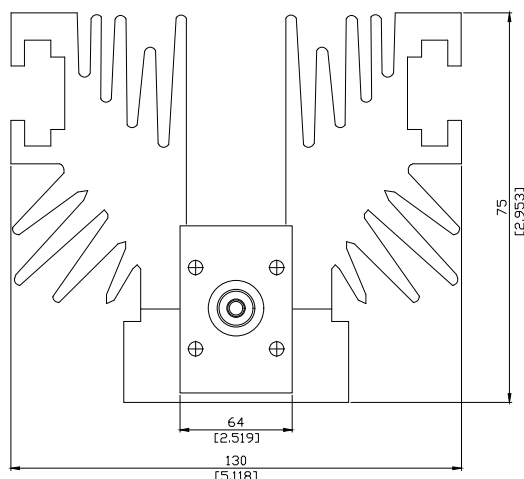
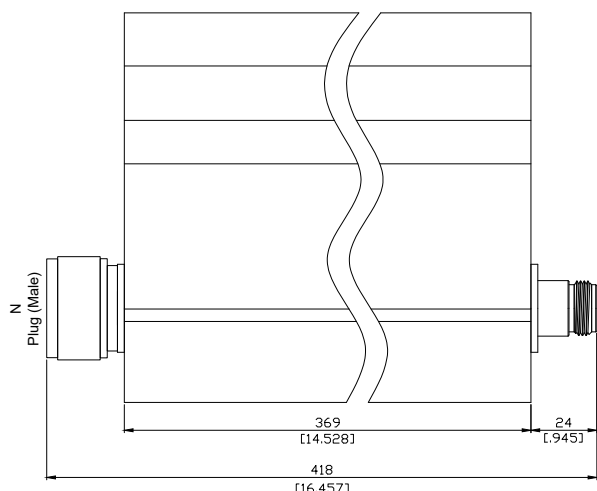




Fixed Attenuator N Plug (male) / N Jack (Female) DC-6 GHz VSWR 1.4

FA-N1N25A-6G500W40 / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-16; MIL-STD-348B/304

Electrical Data

Impedance

50 Ω

Frequency

DC to 6 GHz

VSWR

≤ 1.4 (≥ 15.6 dB)

Center contact resistance

≤ 1 m Ω

Outer contact resistance

≤ 0.25 m Ω

Power handling (Watt)

600 Watts average to 25°C

Accuracy Of Attenuation & Power

	40 dB	50 dB
Deviation ($\pm$ dB)	1	1

Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Stainless Steel	Passivated
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:
10/7/2018

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N-CAGE Code: SFKK0 / ISO9001 Certified

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Fixed Attenuator N Plug (male) / N Jack (Female) DC-6 GHz VSWR 1.4

FA-N1N25A-6G500W-- / 9XX-9X

Mechanical Data

Coupling Mechanisms	Screw-lock
Mating Cycles	≥ 500
Center contact captivation: axial	≥ 28 N
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.7 Nm to 1.1 Nm

Environmental Data

Temperature Range	-65°C to +165°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
RoHS	compliant

Packing

Single or 100