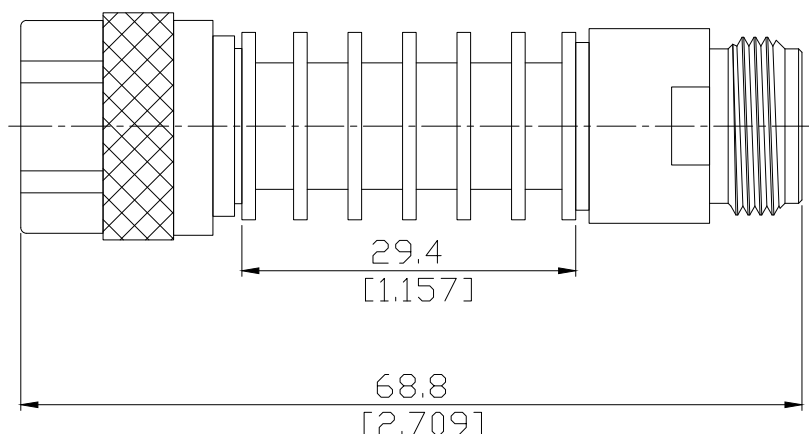


Fixed Attenuator N Male To N Female Up To 4 GHz Rated To 10 Watts 20dB

## FA-N1N25A-4G10W20 / 144-94



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to

IEC 60169-16; MIL-STD-348A/402; CECC 22210

### Electrical Data

Impedance

50  $\Omega$

Frequency Range

DC to 4 GHz

Input Power

10 Watts Avg. @ 25°C

Frequency (GHz)	DC - 4
VSWR	1.2
Nominal Attenuation (dB)	20
Deviation ( $\pm$ dB)	0.5

### Material And Plating

Piece Parts	Material	Plating
Centre Contact	Brass	Gold plating, 3 $\mu$ inch (Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts	Material	Plating
Centre Contact	Beryllium Copper	Gold plating, 3 $\mu$ inch (Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch)
Body	Brass	Copper-Tin-Zinc Alloy
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:  
12/7/2020

Rosnol RF/Microwave Technology Co., Ltd.  
[www.rosnol.com](http://www.rosnol.com); [info@rosnol.com](mailto:info@rosnol.com)  
Phone: +886-3-463-5095 / Fax: +886-3-463-5952  
N-CAGE Code: SFKK0 / ISO9001 Certified

Page  
1/2

Fixed Attenuator N Male To N Female Up To 4 GHz Rated To 10 Watts 20dB

## FA-N1N25A-4G10W20 / 144-94

### 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.

### 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
RoHS	compliant

### Packing

Single or 100