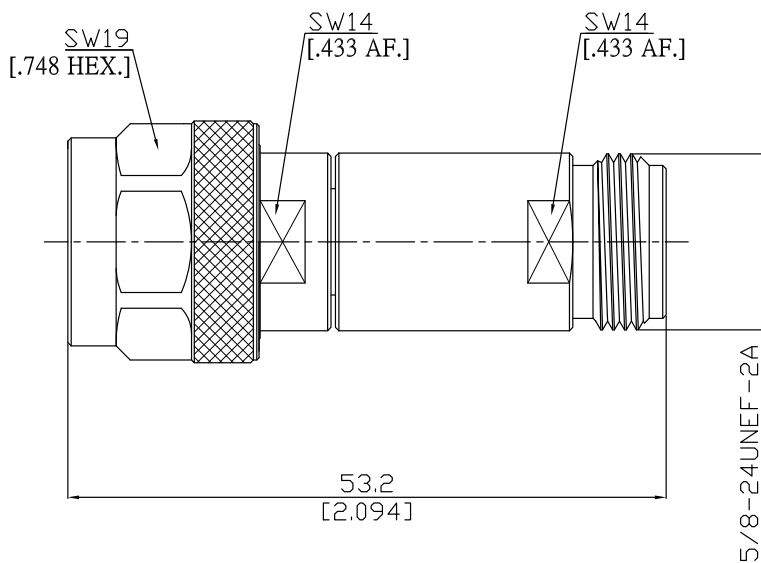


Fixed Attenuator plug/jack  
N plug (male) / N jack (female)

FA-N1N25A-12.4G2W5/944-94



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

According to MIL-C-39012; MIL-STD-348A/304

## Electrical Data

Impedance	50 $\Omega$			
Attenuation	5 dB			
Frequency	DC to 12.4 GHz			
Frequency sub range	DC to 4 GHz	4 to 8 GHz	8 to 10 GHz	10 to 12.4 GHz
VSWR (Return Loss)	$\leq 1.15$ ( $\geq 23.13$ dB)	$\leq 1.20$ ( $\geq 20.8$ dB)	$\leq 1.20$ ( $\geq 20.8$ dB)	$\leq 1.25$ ( $\geq 19.08$ dB)
Attenuation deviation	$\pm 0.3$ dB	$\pm 0.4$ dB	$\pm 0.5$ dB	$\pm 0.5$ dB
Power rating	2 Watt average power up to 30 °C			

## Mechanical Data

Coupling mechanisms	Screw-lock
Weight	N/A

## Environmental Data

Temperature range	-55°C to +130°C
RoHS	compliant

## Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

## Packing

Single or 100

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:  
19/11/12

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