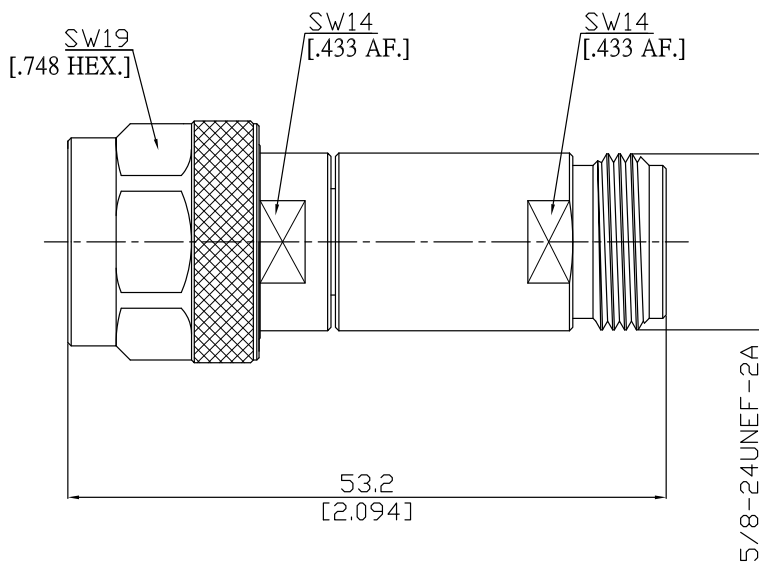




Fixed Attenuator plug/jack
N plug (male) / N jack (female)

FA-N1N25A-12.4G2W20/H44-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 61169-16; CECC 22210; MIL-C-39012; MIL-STD-348A/304

Electrical Data

Impedance	50 Ω			
Attenuation	20 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)	≤ 1.15 (≥ 23.13 dB)	≤ 1.20 (≥ 20.8 dB)	≤ 1.20 (≥ 20.8 dB)	≤ 1.25 (≥ 19.08 dB)
Attenuation deviation	± 0.3 dB	± 0.4 dB	± 0.5 dB	± 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	Phosphor Bronze	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	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

Packing

Single or 100