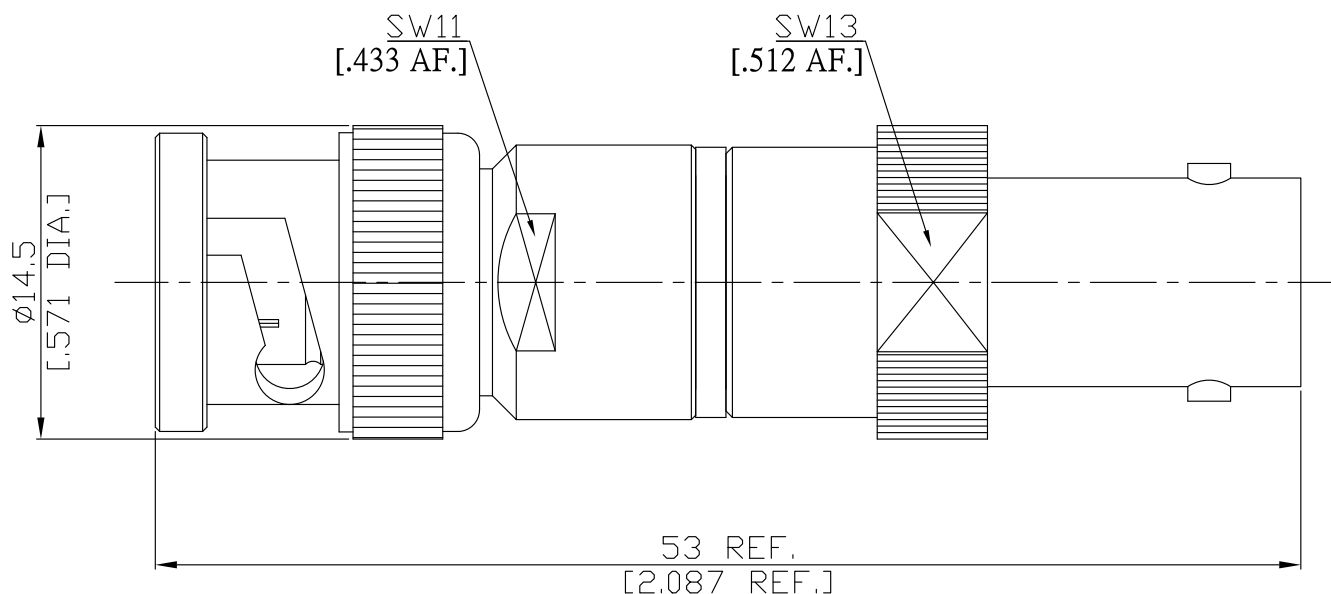


Fixed Attenuator BNC Plug (male) / BNC Jack (Female)
DC-4 GHz VSWR 1.3

FA-B1B25A-4G1W20 / 944-94



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-8; CECC 22120; MIL-PRF-39012; BNC Interface MIL-STD-348/301; BS 9210 N 004

Electrical Data

Impedance

50 Ω

Frequency

DC to 4 GHz

VSWR (Return Loss)

≤ 1.3 (≥ 17.69 dB)

Power handling (Watt)

1 Watt average power up to 30 °C

Accuracy Of Attenuation & Power

Nominal Attenuation (dB)	20
Deviation ($\pm$ dB)	0.5

Material And Plating

Piece Parts (BNC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 100 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (BNC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 100 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
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DC-4 GHz VSWR 1.3

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Mechanical Data

Coupling Mechanisms	Bayonet-lock
Mating Cycles	≥ 500
Center contact captivation: axial	≥ 15 N

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 G
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100