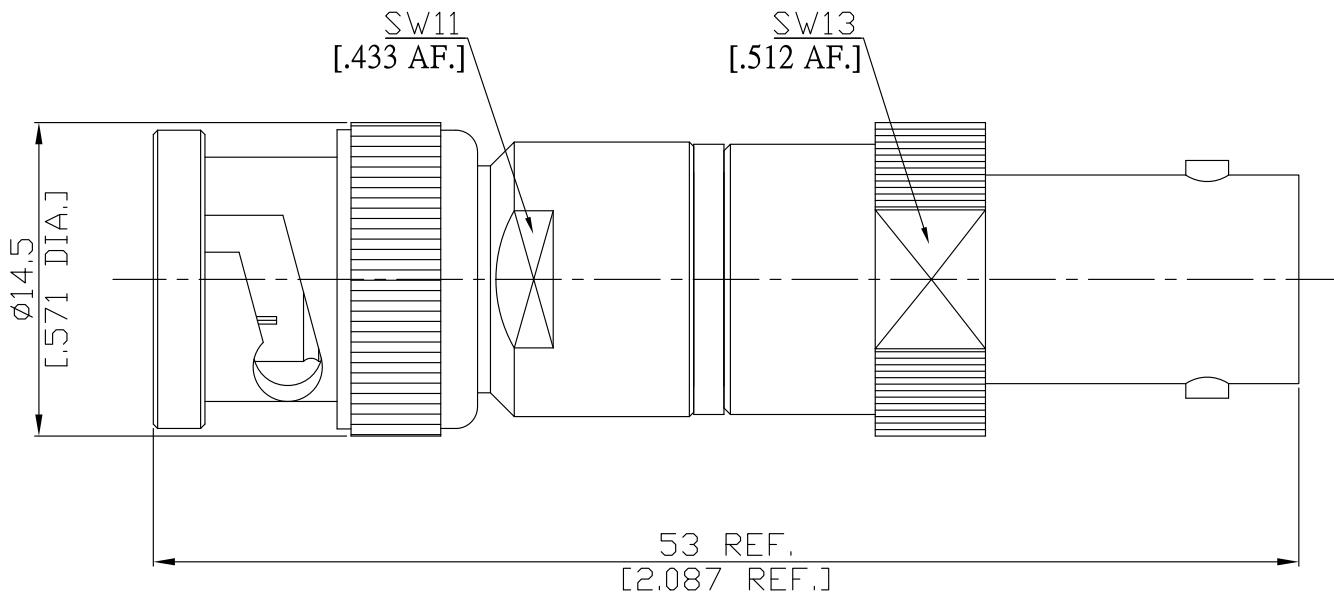


# Fixed Attenuator BNC Plug (male) / BNC Jack (Female)

## DC-4 GHz VSWR 1.3

### FA-B1B25A-4G1W3 / 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)	3
Deviation (± dB)	0.5

#### Material And Plating

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

**Fixed Attenuator BNC Plug (male) / BNC Jack (Female)**  
**DC-4 GHz VSWR 1.3****FA-B1B25A-4G1W3 / 944-94****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