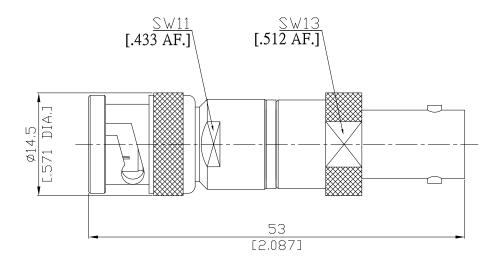


## Technical Data Sheet

# Fixed Attenuator plug/jack BNC plug (male) / BNC jack (female)

### FA-B1B25A-4G2W10/H44-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

According to IEC 60169-8; MIL-STD-348B/301

#### Electrical Data

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Attenuation} & 10 \ \text{dB} \\ \text{Frequency} & \text{DC to 4 GHz} \end{array}$ 

Frequency sub range DC to 2 GHz 2 to 4 GHz VSWR (Return Loss)  $\leq$  1.15 ( $\geq$  23.13 dB)  $\leq$  1.20 ( $\geq$  20.8 dB)

Attenuation deviation  $\pm$  0.4 dB  $\pm$  0.5 dB Power rating 2 Watt average power up to 30 °C

#### Mechanical Data

Coupling mechanisms

Bayonet-lock

Weight

N/A

#### **Environmental Data**

Temperature range  $-55\,^{\circ}\text{C}$  to  $+130\,^{\circ}\text{C}$  RoHS compliant

#### Material And Plating

Piece Parts (BNC)	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
Coupling Nut Piece Parts (BNC)	Brass Material	Copper-Tin-Zinc Alloy  Plating
		, ,
Piece Parts (BNC)	Material	Plating

#### Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our		Rosnol RF/Microwave Technology	Page
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