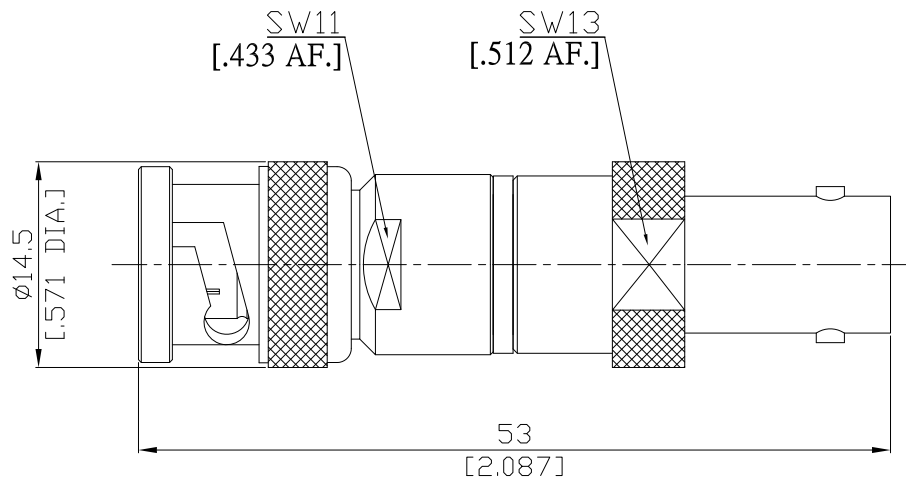


Fixed Attenuator plug/jack  
BNC plug (male) / BNC jack (female)

FA-B1B25A-4G2W1/944-94



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

According to

MIL-C-39012; MIL-STD-348A/301

## Electrical Data

|                       |                                  |                               |
|-----------------------|----------------------------------|-------------------------------|
| Impedance             | 50 $\Omega$                      |                               |
| Attenuation           | 1 dB                             |                               |
| Frequency             | DC to 4 GHz                      | 2 to 4 GHz                    |
| Frequency sub range   | DC to 2 GHz                      | $\leq 1.20$ ( $\geq 20.8$ dB) |
| VSWR (Return Loss)    | $\leq 1.15$ ( $\geq 23.13$ 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°C to +130°C |
| RoHS              | compliant       |

## Material And Plating

| Piece Parts (BNC) | 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 (BNC) | Material         | Plating                          |
|-------------------|------------------|----------------------------------|
| Centre contact    | Beryllium Copper | Gold plating(Nickel underplated) |
| Body              | Brass            | Copper-Tin-Zinc Alloy            |
| Insulator         | PTFE             |                                  |

## Packing

Single or 100