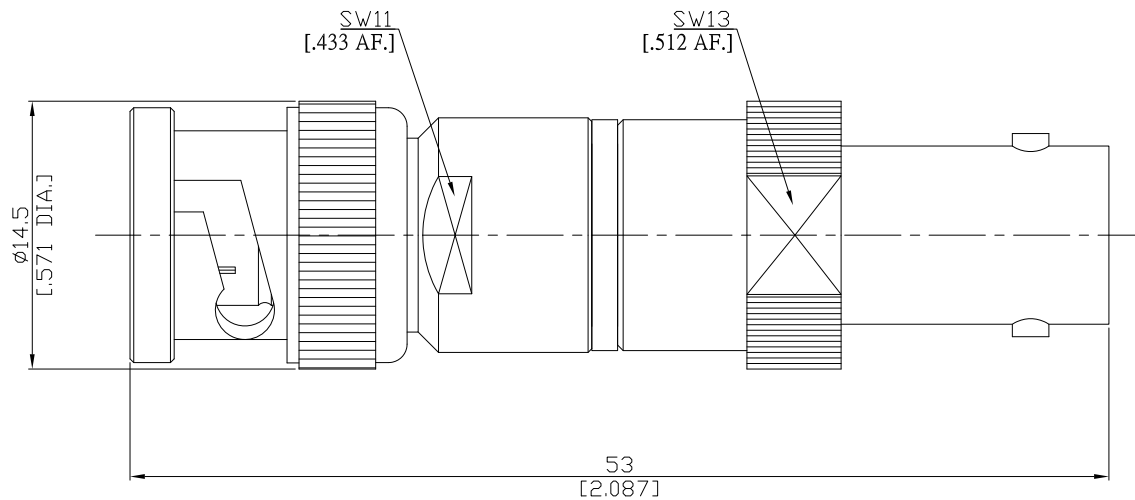


DC Block plug/jack  
BNC plug (male) / BNC jack (female)

DB-B1B25A-1G50V/H44-H4



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  $\Omega$   
Frequency DC to 1 GHz  
VSWR (Return Loss)  $\leq 1.2$  ( $\geq 20.83$  dB)  
Insertion Loss  $\leq 0.2$  dB  
Voltage rating (Volts) DC 50 V

## Mechanical Data

Coupling mechanisms Bayonet-lock  
Weight 0.0189 kg

## Environmental Data

Temperature range -55°C to +90°C  
RoHS compliant

## Material And Plating

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

## Packing

Single