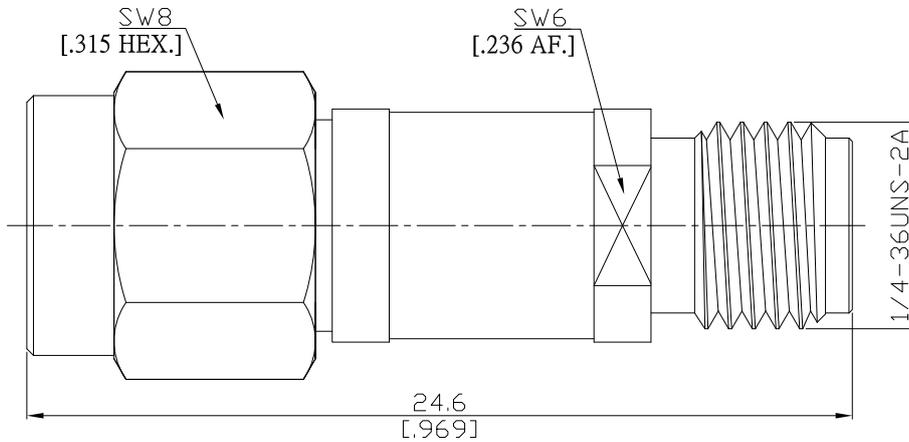


DC Block plug/jack  
SMA plug (male) / SMA jack (female)

DB-A1A25A-18G100V/911-91



All dimensions are in mm [inch]  
Tolerances according to DIN ISO 2768-mH

**Interface**

According to IEC 60169-15; MIL-C-39012; MIL-STD-348A/310

**Electrical Data**

Impedance 50 Ω  
Frequency DC to 18 GHz  
VSWR ≤ 1.25 (≥ 19.08 dB)  
Insertion Loss ≤ 0.65 dB  
Voltage rating (Volts) DC 100 V

**Mechanical Data**

Coupling mechanisms Screw-lock  
Weight N/A

**Environmental Data**

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

**Material And Plating**

| Piece Parts (SMA) | Material         | Plating                           |
|-------------------|------------------|-----------------------------------|
| Centre contact    | Beryllium Copper | Gold plating (Nickel underplated) |
| Body              | Brass            | Gold plating (Nickel underplated) |
| Insulator         | PTFE             |                                   |
| Gasket            | Silicone Rubber  |                                   |
| Coupling nut      | Brass            | Gold plating (Nickel underplated) |
| Piece Parts (SMA) | Material         | Plating                           |
| Centre contact    | Beryllium Copper | Gold plating (Nickel underplated) |
| Body              | Brass            | Gold plating (Nickel underplated) |
| Insulator         | PTFE             |                                   |

**Packing**

Single or 100