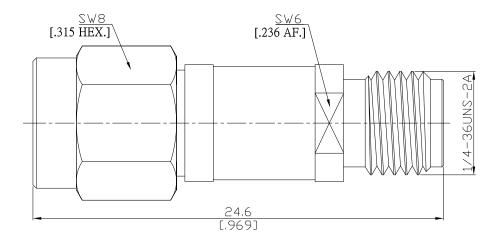


# Technical Data Sheet

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

# DB-A1A25A-12.4G100V/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 Frequency 50 Ω DC to 12.4 GHz

VSWR (Return loss)

≤ 1.25 (≥ 19.1 dB)

Insertion Loss

≤ 0.5 dB

Voltage rating (Volts) DC block type DC 100V

Inner

## Mechanical Data

Coupling mechanisms

Screw-lock

Weight

0.0045 kg

#### Environmental Data

Temperature range RoHS -55°C to +90°C

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

The facts and figures herein are carefully compiled to the best of our
knowledge, but they are intended for general informational purposes only.
In the effort to improve our products, we reserve the right to make changes
judged to be necessary.

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