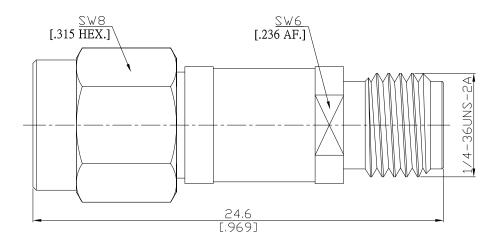


# Technical Data Sheet

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

# DB-A1A25A-18G100V/9XX-9X



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
VSWR (Return Loss)

DC to 18 GHz ≤ 1.30 (≥ 17.70 dB)

Insertion Loss

 $\leq 1.30 \ | \geq 17.70 \ d$  $\leq 0.65 \ dB$ 

Voltage rating (Volts)

DC 100 V

DC block type

Inner

## Mechanical Data

Coupling mechanisms

Screw-lock N/A

Weight

RoHS

## Environmental Data

Temperature range

-55°C to +90°C

compliant

## Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated

# **Packing**

Insulator

Single or 100

PTFE

	The facts and figures herein are carefully compiled to the best of our	Rev:10	Rosnol RF/Microwave Technology	Page
1	knowledge, but they are intended for general informational purposes only.		<u>www.rosnol.com;</u> info@rosnol.com	Ü
	In the effort to improve our products, we reserve the right to make changes	Date:	Phone: +886-3-463-5095 / Fax: +886-3-463-5952	1/1
l	judged to be necessary.	19/11/10	N-CAGE Code: SFKK0 / ISO9001 certified	1/ 1