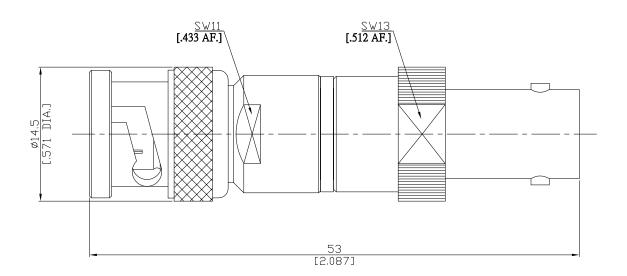


# Technical Data Sheet

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

# DB-B1B25A-3G100V/9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface According to

## Electrical Data

Impedance Frequency

VSWR (Return Loss)

Insertion Loss Voltage rating (Volts) DC block type

IEC 60169-8; MIL-STD-348B/301

50 Ω

DC to 3 GHz

≤ 1.20 (≥ 20.83 dB)

≤ 0.2 dB DC 100 V

Inner

## Mechanical Data

Coupling mechanisms

Weight

Bayonet-lock N/A

## Environmental Data

Temperature range RoHS

-55°C to +90°C compliant

# Material And Plating

| Piece Parts (BNC) | 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 (BNC) | 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.:-   | Rosnol RF/Microwave Technology Co., Ltd.      | Page |
|---|----------|---|------|
| knowledge, but they are intended for general informational purposes only.   |          | www.rosnol.com; info@rosnol.com               | O    |
| 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  |
| judged to be necessary.   | 19/11/10 | N-CAGE Code: SFKK0 / ISO9001:2015 certified   | 1/1  |