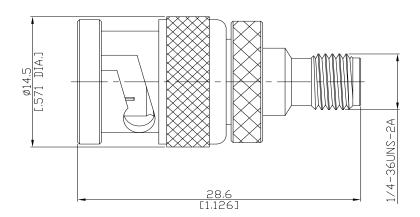


Technical Data Sheet

Adaptor plug/jack BNC plug (male) / SMA jack (female)

AD-B1A25A/933-91



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

Interface

According to BNC Side: IEC 60169-8; CECC 22120; MIL-C-39012; MIL-STD-348A/301

SMA Side: IEC 60169-15; MIL-C-39012; MIL-STD-348A/310

Electrical Data

 $\begin{array}{ll} \text{Impedance} & 50~\Omega \\ \text{Frequency} & \text{DC to 6 GHz} \end{array}$

VSWR (Return Loss) DC-4 GHz: ≤ 1.15 (≥ 23.13 dB) 4-6 GHz: ≤ 1.2 (≥ 20.83 dB)

Insertion Loss $\leq 0.05 \times \sqrt{F (GHz)} dB$

Mechanical Data

Coupling mechanisms BNC (Bayonet-lock); SMA (Screw-lock)

Weight 0.0149 kg

Environmental Data

Temperature range $-65\,^{\circ}\text{C}$ to $+165\,^{\circ}\text{C}$ RoHS compliant

Material And Plating

Piece Parts (BNC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (nickel underplating)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (nickel underplating)
Body	Brass	Gold plating (nickel underplating)
Insulator	PTFE	

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our	Rev.:-	Rosnol RF/Microwave Technology	Page
knowledge, but they are intended for general informational purposes only.		www.rosnol.com; info@rosnol.com	Ü
In the effort to improve our products, we reserve the right to make changes $% \left(\frac{1}{2}\right) =\frac{1}{2}\left(\frac{1}{2}\right) $	Date:	Phone: +886-3-463-5095 / Fax:+886-3-463-5952	1 / 1
judged to be necessary.	19/11/10	N-CAGE Code: SFKKO	1/1