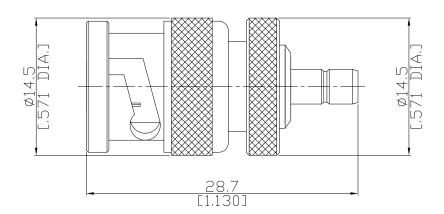


Technical Data Sheet

Adaptor Plug / Jack BNC plug (male) / SMB jack (female)

AD-B1S25A/144-11



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 60

IEC 60169-8; MIL-C-39012; MIL-STD-348A/301 MIL-C-39012; MIL-STD-348A/311

Electrical Data

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to} \ 4 \ \mbox{GHz} \\ \mbox{VSWR} \ (\mbox{Return Loss}) & \leq 1.35 \ (\geq 16.54 \ \mbox{dB}) \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{x} \ \sqrt{\mbox{F} \ (\mbox{GHz})} \ \mbox{dB} \end{array}$

Mechanical Data

Coupling mechanisms BNC (Bayonet-lock) ; SMB (Snap-on) Weight 0.0136 kg

Environmental Data

Temperature range -65 °C to +165 °C RoHS compliant

Material And Plating

Piece Parts (BNC)	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Coupling nut Piece Parts (SMB)	Brass Material	Copper-Tin-Zinc Alloy Plating
, ,		, ,
Piece Parts (SMB)	Material	Plating

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our		Rosnol RF/Microwave Technology Co., Ltd.	Page
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judged to be necessary.	2017/07/07	N-CAGE Code: SFKKO / ISO9001 Certified	'/'