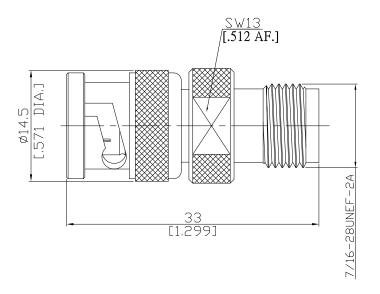


Technical Data Sheet

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

AD-B1T25A/H44-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

BNC side according to IEC 60169-8; MIL-C-39012; MIL-STD-348A/301 TNC side according to IEC 61169-17; MIL-C-39012; MIL-STD-348A/313

Electrical Data

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Frequency} & \text{DC to 4 GHz} \\ \text{VSWR (Return Loss)} & \leq 1.15 \ (\geq 23.1 \text{a dB}) \\ \text{Insertion Loss} & \leq 0.05 \ \text{x} \sqrt{\text{F (GHz)}} \ \text{dB} \end{array}$

Mechanical Data

Coupling mechanisms BNC (Bayonet-lock); TNC (Screw-lock) Weight 0.0155 kg

Environmental Data

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

Material And Plating

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

Packing

Single or 100

	The facts and figures herein are carefully compiled to the best of our	ROV.	Rosnol RF/Microwave Technology Co., Ltd.	Page
	knowledge, but they are intended for general informational purposes only.		www.rosnol.com; info@rosnol.com	Ü
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l	judged to be necessary.	2017/07/06	N-CAGE Code: SFKK0 / ISO9001 Certified	1/ 1