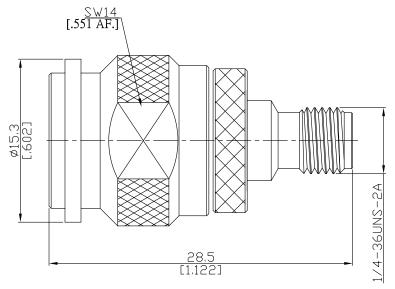


Technical Data Sheet

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

AD-T1A25A/144-91



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

TNC according to SMA according to

IEC 60169-17; MIL-C-39012; MIL-STD-348A/313 IEC 60169-15; MIL-C-39012; MIL-STD-348A/310

Electrical Data

Impedance
Frequency
VSWR (Return Loss)
Insertion Loss

50 Ω DC to 11 GHz

 $\leq 1.25 (\geq 19.08 \text{ dB})$ $\leq 0.1 \times \sqrt{F (GHz)} \text{ dB}$

Mechanical Data

Coupling mechanisms Weight TNC (Screw-lock); SMA (Screw-lock) 0.0180 kg

Environmental Data

Temperature range RoHS

-65°C to +165°C compliant

Material And Plating

Piece Parts (TNC)	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
Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Nickel underplated)
Body	Brass	Gold plating (Nickel underplated)
Insulator	PTFE	

Packing

Single or 100

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	The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.	Kev:	Rosnol RF/Microwave Technology www.rosnol.com ; info@rosnol.com	Page
	In the effort to improve our products, we reserve the right to make changes		Phone:+886-3-463-5095	1 /1
		19/11/10	Fax:+886-3-463-5952	1/1