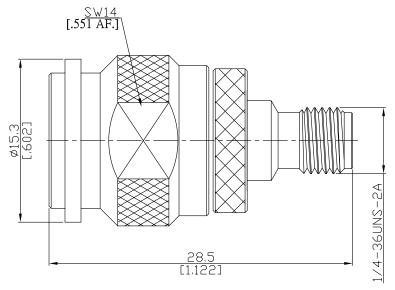


Technical Data Sheet

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

AD-T1A25A/933-91



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

TNC side according to SMA side 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 50Ω DC to 11 GHz ≤ 1.20 (≥ 20.83 dB) ≤ 0.1 x \sqrt{F} (GHz) dB

Mechanical Data

Coupling mechanisms Weight TNC (Screw-lock); SMA (Screw-lock) N/A

Environmental Data

Temperature range RoHS

-65°C to +165°C compliant

Material And Plating

Piece Parts (TNC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
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

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	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