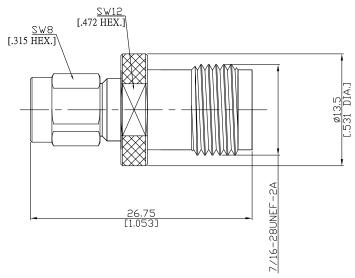


Technical Data Sheet

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

AD-A1T25A/H11-93

11-18GHz: ≤ 1.30 (≥ 17.69 dB)



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

Interface

SMA according to IEC 60169-15; MIL-C-39012; MIL-STD-348A/310 TNC according to IEC 60169-17; MIL-C-39012; MIL-STD-348A/313

Electrical Data

Impedance

Frequency

VSWR (Return Loss) Insertion Loss

50 Ω

DC to 18 GHz

DC-11GHz: $\leq 1.20 \ (\geq 20.83 \ dB)$

≤ 0.05 x √ F (GHz) dB

Mechanical Data

Coupling mechanisms

Weight

SMA (Screw-lock); TNC (Screw-lock)

0.0082 kg

Environmental Data

Temperature range

RoHS

-65°C to +165°C compliant

Material And Plating

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

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our		Rosnol RF/Microwave Technology	Page
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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