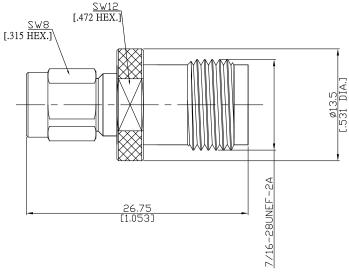


Technical Data Sheet

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

AD-A1T25A/9XX-9X



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

Interface

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

Electrical Data

 $\begin{array}{ll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to 11 GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.20 \ \mbox{\geq 20.83 dB)$} \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{$x\sqrt{F (GHz)}$ dB} \end{array}$

Mechanical Data

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

Environmental Data

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

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (TNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
body	Oldifiless ofeet	1 dostydica

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	
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: SFKK0 / ISO9001:2015 Certified	'/'