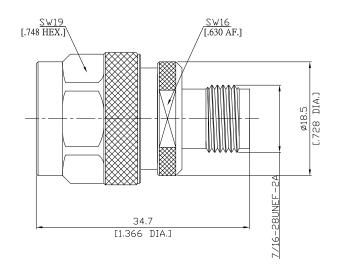


Technical Data Sheet

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

AD-N1T25A/H33-H3



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

Interface

N side according to IEC 61169-16; MIL-C-39012; MIL-STD-348A/304; CECC 22210 TNC side according to IEC 61169-17; MIL-C-39012; MIL-STD-348A/313

Electrical Data

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to 11 GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.20 \ (\geq 20.8 \ \mbox{dB}) \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{x} \ \sqrt{F \ \mbox{(GHz)}} \ \mbox{dB} \end{array}$

Mechanical Data

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

Environmental Data

Temperature range -65 °C to +165 °C RoHS compliant

Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Piece Parts (TNC)	Material	Plating
Centre contact	Phosphor Bronze	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	Rev.:-	Rosnol RF/Microwave Technology	Page
	knowledge, but they are intended for general informational purposes only.		<u>www.rosnol.com;</u> info@rosnol.com	O
	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
L	judged to be necessary.	19/11/10	N-CAGE Code: SFKK0	1/1