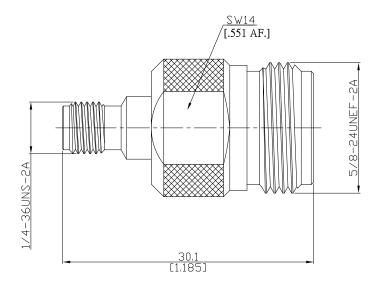


Technical Data Sheet

Adaptor jack/jack SMA jack (female) / N jack (female)

AD-A2N25A/94-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

 SMA According to
 IEC 60169-15; MIL-STD-348A/310

 N According to
 IEC 61169-16; MIL-STD-348A/304

Electrical Data

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to} \ 12 \ \mbox{GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.15 \ (\geq 23.13 \ \mbox{dB}) \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{x} \ \sqrt{\mbox{F (GHz)}} \ \mbox{dB} \end{array}$

Mechanical Data

Coupling mechanisms SMA (Screw-lock) ; N (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	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

Piece Parts (N)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFF	

Packing

Single or 100

- 1	The facts and figures herein are carefully compiled to the best of our	K \(\text{V} \)	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: SFKK0	1/ 1