

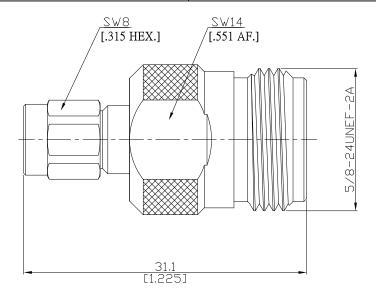
Technical Data Sheet

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

AD-A1N25A/H33-H3

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All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

 SMA According to
 MIL-C-39012; MIL-STD-348A/310

 N According to
 MIL-C-39012; MIL-STD-348A/304

Electrical Data

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

Mechanical Data

Coupling mechanisms SMA (Screw-lock) ; N (Screw-lock) Weight 0.0208 kg

Environmental Data

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

Material And Plating

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

Single or 100

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.	Kev.:-	Rosnol RF/Microwave Technology 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
judged to be necessary.	19/11/10	Eav: +886-3-463-5052