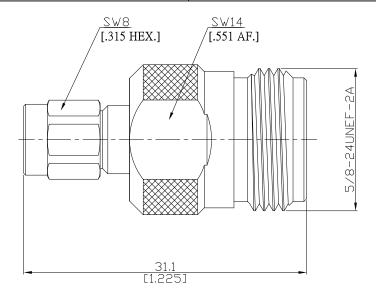


Technical Data Sheet

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

AD-A1N25A/944-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

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

Mechanical Data

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

Environmental Data

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

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Berryllium Copper	Gold plating (Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (N)	Material	Plating
Centre contact	Phospor Bronze	Gold plating (Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

Packing

Single or 100

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