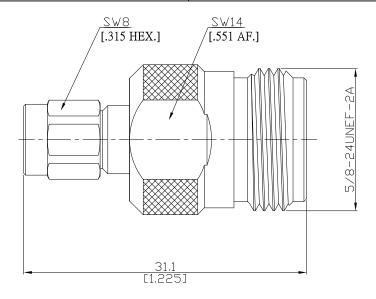


### Technical Data Sheet

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

# AD-A1N25A/911-94



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

SMA According to N According to

IEC 60169-15; MIL-C-39012; MIL-STD-348A/310 IEC 61169-16; MIL-C-39012; MIL-STD-348A/304

#### Electrical Data

Impedance Frequency

VSVVR (Return Loss)
Insertion Loss

50 Ω

DC to 12 GHz  $\leq$  1.15 ( $\geq$  23.13 dB)  $\leq$  0.05 x  $\sqrt{F}$  (GHz) dB

#### Mechanical Data

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

#### **Environmental Data**

Temperature range RoHS

-65 °C to +165 °C compliant

#### Material And Plating

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

#### 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.:-
In the effort to improve our products, we reserve the right to make changes judged to be necessary.	Date: 19/11/10

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