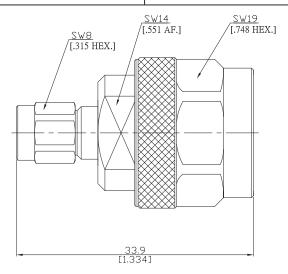


### Technical Data Sheet

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

# AD-A1N15A/144-144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

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

#### Electrical Data

Impedance  $50 \Omega$ 

Frequency DC to 12 GHz VSWR (Return Loss)  $\leq$  1.15 ( $\geq$  23.13 dB) Insertion Loss  $\leq$  0.05 x  $\sqrt{F}$  (GHz) dB

#### Mechanical Data

Coupling mechanisms SMA (Screw-lock); N (Screw-lock)

Weight

#### Environmental Data

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

#### Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Brass	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
Piece Parts (N) Centre contact	Material Brass	Plating Gold plating(Nickel underplated)
		o .
Centre contact	Brass	Gold plating(Nickel underplated)
Centre contact Body	Brass Brass	Gold plating(Nickel underplated)

#### Packing

Single or 100

	The facts and figures herein are carefully compiled to the best of our	Rev.:-	Rosnol RF/Microwave Technology	Page
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l	judged to be necessary.	19/11/10	N-CAGE Code: SFKKO	1/ 1