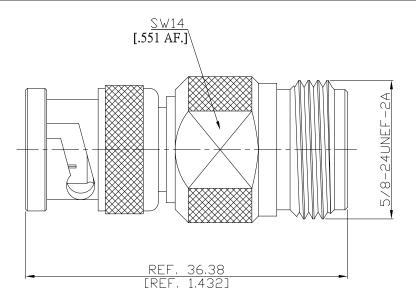


## Technical Data Sheet

# BNC plug (male) to N jack (female) Adapter

# AD-B1N25A/H44-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

BNC side according to IEC 60169-8; MIL-STD-348A/301 N side according to IEC 61169-16; MIL-STD-348A/304

#### Electrical Data

 $\begin{array}{ll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to} \ 4 \ \mbox{GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.10 \ \mbox{$\leq$ 26.44 \ \mbox{dB}$} \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{$x$} \ \ \mbox{$\sqrt{F$}$} \ \ \mbox{$(GHz)$} \ \mbox{dB} \\ \end{array}$ 

#### Mechanical Data

Coupling mechanisms

BNC (Bayonet-lock); N (Screw-lock)

Weight

N/A

#### Environmental Data

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

### Material And Plating

Piece Parts (BNC)	Material	Plating
Centre contact	Phosphor Bronze	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	Phosphor Bronze	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	Rev.:-	Rosnol RF/Microwave Technology	Page
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