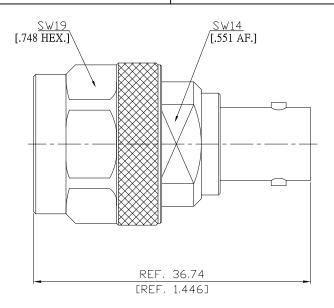


Technical Data Sheet

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

AD-N1B25A/HXX-HX



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

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

Electrical Data

 $\begin{array}{ll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to} \ 5 \ \mbox{GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.20 \ \mbox{(\geq 20.83 dB)} \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{x} \ \mbox{\sqrt{F (GHz)}} \ \mbox{dB} \end{array}$

Mechanical Data

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

Weight N/

Environmental Data

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

Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (BNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFF	

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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In the effort to improve our products, we reserve the right to make changes	Date:	Phone: +886-3-463-5095 / Fax:+886-3-463-5952	1 /1
judged to be necessary.	19/11/10	N-CAGE Code: SFKKO	1/1