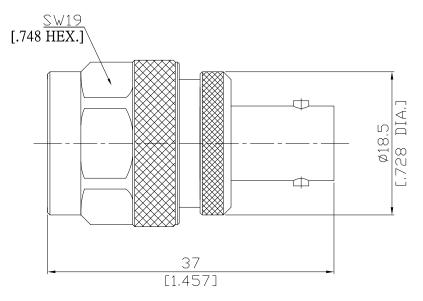


## Technical Data Sheet

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

### AD-N1B25A/H33-H3



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

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

#### Mechanical Data

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

Weight 0.0403 kg

#### Environmental Data

Temperature range  $-65\,^{\circ}\text{C}$  to  $+165\,^{\circ}\text{C}$  RoHS compliant

#### Material And Plating

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

#### Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our		Rosnol RF/Microwave Technology	Page
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