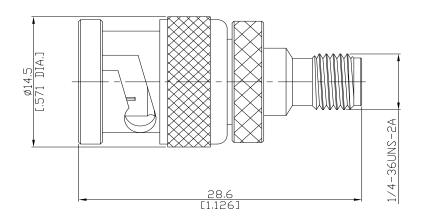


### Technical Data Sheet

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

## AD-B1A25A/H44-H4



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

# Interface According to

Into uf a co

BNC Side: MIL-C-39012;MIL-STD-348A/301 SMA Side: MIL-C-39012;MIL-STD-348A/310

#### Electrical Data

 $\begin{array}{ll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to} \ 4 \ \mbox{GHz} \\ \mbox{VSWR} \ (\mbox{Return Loss}) & \leq 1.15 \ (\geq 23.13 \ \mbox{dB}) \\ \mbox{Insertion Loss} & \leq 0.04 \ \mbox{x} \ \sqrt{\mbox{F} \ (\mbox{GHz})} \ \mbox{dB} \end{array}$ 

#### Mechanical Data

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

Weight 0.0149 kg

#### 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
Coupling nut Piece Parts (SMA)	Brass Material	Copper-Tin-Zinc Alloy  Plating
,		
Piece Parts (SMA)	Material	Plating

#### 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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