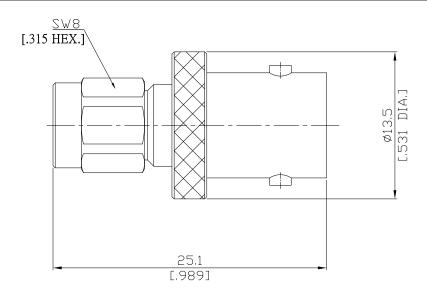


Technical Data Sheet

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

AD-A1B25A/9XX-9X



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

Interface According to

lutant naa

SMA Side: IEC 60169-15; MIL-C-39012; MIL-STD-348A/310 BNC Side: IEC 60169-8; MIL-C-39012; MIL-STD-348A/301

Electrical Data

 $\begin{array}{ll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to} \ 4 \ \mbox{GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.15 \ (\geq 23.13 \ \mbox{dB}) \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{x} \ \mbox{$\sqrt{F (GHz)}$ dB} \\ \end{array}$

Mechanical Data

Coupling mechanisms SMA (Screw-lock); BNC (Bayonet-lock) Weight 0.0077 kg

Environmental Data

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

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	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	Beryllium Copper	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	l
knowledge, but they are intended for general informational purposes only.	l
In the effort to improve our products, we reserve the right to make changes	D
judged to be necessary.	10

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