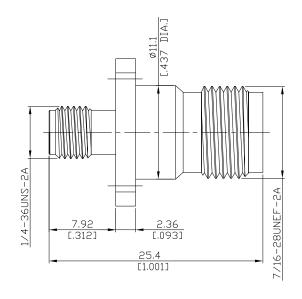
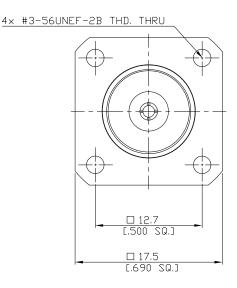


### Technical Data Sheet

# SMA Jack (Female) to TNC Jack (Female) Panel 4 Hole Flange Mount Adapter

## AD-A2T25B-PF/9X-9X





All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

According to SMA side: IEC 60169-15, MIL-STD-348A/310

TNC side: IEC 60169-17, MIL-PRF-39012, MIL-STD-348A/313

#### Electrical Data

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to} \ 11 \ \mbox{GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.24 \ \mbox{$\geq$ 19.56 \ \mbox{dB}$} \\ \mbox{Insertion Loss} & \leq 0.045 \ \mbox{$x$} \ \ \mbox{$\sqrt{F}$} \ \ \mbox{$(GHz)$} \ \mbox{dB} \\ \end{array}$ 

#### Mechanical Data

Coupling mechanisms SMA (Screw-lock); TNC (Screw-lock)

Weight

#### 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	

Piece Parts (TNC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFF	

#### Packing

Single or 100

- 1	The facts and figures herein are carefully compiled to the best of our	K \( \text{V} \)	Rosnol RF/Microwave Technology	Page
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