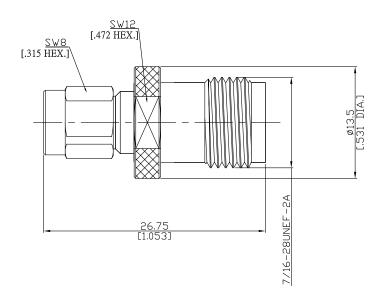


## Technical Data Sheet

# Adaptor Plug / Jack SMA plug (male) / TNC jack (female)

# AD-A1T25A/133-H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

SMA according to IEC 60169-15; MIL-C-39012; MIL-STD-348A/310 TNC according to IEC 60169-17; MIL-C-39012; MIL-STD-348A/313

#### Electrical Data

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to} \ 11 \ \mbox{GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.20 \ \mbox{$\geq$ 20.8 \ dB)} \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{$x$} \ \ \mbox{$\sqrt{F}$ (GHz)$ dB} \\ \end{array}$ 

#### Mechanical Data

Coupling mechanisms SMA (Screw-lock); TNC (Screw-lock) Weight 0.0082 kg

### Environmental Data

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

### Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Brass	Gold plating
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Piece Parts (TNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating
Body	Brass	Nickel
Insulator	PTFE	

#### Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our	Rev.:-	Rosnol RF/Microwave Technology Co., Ltd.	Page
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judged to be necessary.	2019/02/11	N-CAGE Code: SFKK0 / ISO9001 Certified	'/'