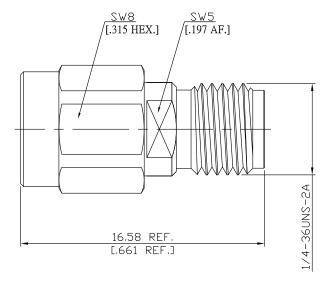


# Technical Data Sheet

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

# AD-A1A25B/911-91



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

#### Interface

According to

IEC 60169-15; MIL-STD-348A/310

#### Electrical Data

Impedance
Frequency
VSWR (Return Loss)
Insertion Loss

 $50 \Omega$  DC to 18 GHz  $\leq 1.15 (\geq 23.13 \text{ dB})$ 

 $\leq 0.05 \times \sqrt{F (GHz)} dB$ 

#### Mechanical Data

Coupling mechanisms Weight Screw-lock N/A

### Environmental Data

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

## Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Gold plating(Nickel underplated)
Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	

## Packing

Single or 100

	The facts and figures herein are carefully compiled to the best of our	Rev-10	Rosnol RF/Microwave Technology	Page
1	knowledge, but they are intended for general informational purposes only.		www.rosnol.com; info@rosnol.com	
	In the effort to improve our products, we reserve the right to make changes	Date:	Phone: +886-3-463-5095 / Fax:+886-3-463-5952	1 /1
	judged to be necessary.	3.0 (3.3 (3.0	N-CAGE Code: SFKK0	1/1