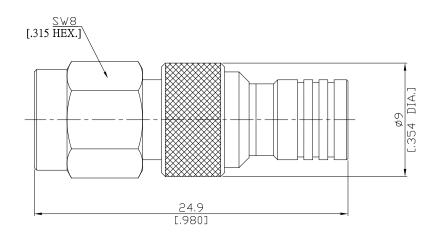


### Technical Data Sheet

# Adaptor Plug / Plug SMA plug (male) / SMB plug (male)

## AD-A1S15A/911-911



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 SMB according to IEC 60169-10; MIL-C-39012; MIL-STD-348A/311

#### Electrical Data

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Frequency} & \text{DC to 4 GHz} \\ \text{VSWR (Return Loss)} & \leq 1.35 \ (\geq 16.54 \ \text{dB}) \\ \text{Insertion Loss} & \leq 0.04 \ \text{x} \ \sqrt{\text{F (GHz)}} \ \text{dB} \end{array}$ 

#### Mechanical Data

Coupling mechanisms SMA (Screw-lock); SMB (Snap-on) Weight 0.0061 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	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Gold plating(Nickel underplated)
1 0		1 01
Piece Parts (SMB)	Material	Plating
	Material Beryllium Copper	, , , ,
Piece Parts (SMB)		Plating
Piece Parts (SMB) Centre contact	Beryllium Copper	Plating Gold plating(Nickel underplated)

#### 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.	2017/07/11	N-CAGE Code: SFKKO / ISO9001 Certified	1/1