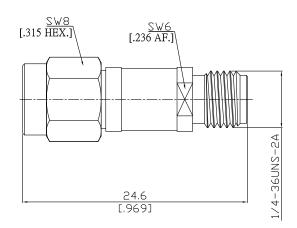


## Technical Data Sheet

# Fixed Attenuator plug/jack SMA plug (male) / SMA jack (female)

# FA-A1A25A-6G2W1/911-91



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

#### Interface

According to MIL-C-39012;MIL-STD-348A/310

#### Electrical Data

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Interface frequency max.} & \text{DC to 6 GHz} \end{array}$ 

Frequency range DC to 2 GHz 2 to 5 GHz 5 to 6 GHz VSWR  $\leq$  1.1  $\leq$  1.25  $\leq$  1.3 Attenuation Tolerance (dB)  $\pm$  0.2 dB  $\pm$  0.3 dB  $\pm$  0.5 dB

Attenuation (dB) 1 dB Power rating (Watt) 2 W

#### Mechanical Data

Coupling mechanisms Screw-lock
Weight 0.0053 kg

#### Environmental Data

Temperature range -55°C to +85°C compliant

## Material And Plating

Connector parts	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)
Resistor	Thick film	

Connector parts	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.:-	Rosnol RF/Microwave Technology	Page
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	1 /1
judged to be necessary.	19/11/10	Fax:+886-3-463-5952	1/1