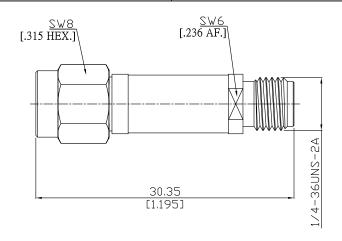


Technical Data Sheet

Fixed Attenuator 2 Watt SMA plug (male) / SMA jack (female)

FA-A1A25A-6G2W--/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

 $\begin{array}{ll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Interface frequency max.} & DC \ \mbox{to 6 GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.30 \ (\geq 17.69 \ \mbox{dB)} \\ \mbox{Power handing (Watt)} & 2 \ \mbox{Watts average to } 25 \ \mbox{°C} \end{array}$

Maximum Deviation Over Frequency

Nominal ATTN (dB)	Deviation (dB)
40.50.60	±0.5

Mechanical Data

Coupling mechanisms Screw-lock
Weight 0.0053 kg

Environmental Data

Temperature range $$-55\,^{\circ}\text{C}$$ to $+85\,^{\circ}\text{C}$ RoHS 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
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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