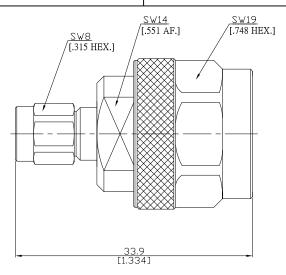


Technical Data Sheet

Adaptor plug/plug SMA plug (male) / N plug (male)

AD-A1N15A/HXX-HXX



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

SMA According to MIL-C-39012;MIL-STD-348A/310 N According to MIL-C-39012;MIL-STD-348A/304

Electrical Data

Impedance 50Ω

Frequency DC to 12 GHz VSWR (Return Loss) \leq 1.15 (\geq 23.13 dB) Insertion Loss \leq 0.05 x \sqrt{F} (GHz) dB

Mechanical Data

Coupling mechanisms SMA (Screw-lock); N (Screw-lock)

Weight 0.0325 kg

Environmental Data

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

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (N)	Material	Plating
Piece Parts (N) Centre contact	Material Phosphor Bronze	Plating Gold plating(Nickel underplated)
		ū
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Centre contact Body	Phosphor Bronze Stainless Steel	Gold plating(Nickel underplated)
Centre contact Body Insulator	Phosphor Bronze Stainless Steel PTFE	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	Page
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In the effort to improve our products, we reserve the right to make changes $% \left\{ 1,2,,n\right\}$	Date:	Phone:+886-3-463-5095	1 / 1
judged to be necessary.	19/11/10	Fax:+886-3-463-5952	1/ 1