		Technical Data Sheet		
Adaptor plug/jack SMA plug (male) / N jack (female)		AD-A1N25A/HXX-HX		
$\frac{SW8}{[.315 \text{ HEX.}]}$ $\frac{SW14}{[.551 \text{ AF.}]}$				
			5/8-24UNEF-2A	
	<u>31.1</u> [1.225]			
All dimensions are in mm [inch] Tolerances according to DIN ISO 2768-mH Interface	1			
SMA According to N According to	MIL-C-39012;MIL-S MIL-C-39012;MIL-S			
Electrical Data Impedance Frequency VSWR (Return Loss) Insertion Loss	50 Ω DC to 12 GHz ≤ 1.15 (≥ 23.13 dB) ≤ 0.05 x √F (GHz)	dB		
Mechanical Data Coupling mechanisms Weight	SMA (Screw-lock) ; 0.0208 kg	N (Screw-lock)		
Environmental Data Temperature range RoHS	-65°C to +165°C compliant			
Material And Plating Piece Parts (SMA)	Material		Plating	
Centre contact Body Insulator	Phosphor Bronze Stainless Steel PTFE		Gold plating(Nickel underplated) Passivated	
Gasket Coupling nut	Silicone Rubber Stainless Steel		Passivated	
Piece Parts (N) Centre contact Body Insulator	Material Phosphor Bronze Stainless Steel PTFE		Plating Gold plating(Nickel underplated) Passivated	
Packing	Single or 100			
The facts and figures herein are carefully compiled to the knowledge, but they are intended for general informational p	urposes only	Rosnol RF/Microwave Tea www.rosnol.com ; info@ro		Page
In the effort to improve our products, we reserve the right to m judged to be necessary.	nake changes Date: 19/11/10	Phone:+886-3-463-5095 Fax:+886-3-463-5952		1/1