ROSIOL RF/Microwave Interconn	ect 🔀	Technical Data Sheet	
Adaptor plug/plug			
SMA plug (male) / N pl	ug (male)	male) AD-A1N15A/H11-H44	
	SW8 [.315 HEX.]	<u>SW14</u> [.551 AF.] [.748 HEX.]	
All dimensions are in mm [inch]	[1.33	4]	
olerances according to DIN ISO 2768-mH Interface			
SMA According to	MIL-C-39012;MIL-S	TD 3484 /310	
N According to	MIL-C-39012;MIL-S		
Electrical Data			
mpedance	50 Ω		
requency	DC to 12 GHz		
/SWR (Return Loss)	≤ 1.15 (≥ 23.13 dB)		
nsertion Loss	≤ 0.05 x √ 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) Centre contact	Material Phosphar Branza	Plating Gold plating(Nickel underplated)	
Body	Phosphor Bronze Brass	Gold plating(Nickel underplated) Gold plating(Nickel underplated)	
Insulator	PTFE		
Gasket	Silicone Rubber		
Coupling nut	Brass	Gold plating(Nickel underplated)	
Piece Parts (N)	Material	Plating	
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)	
Body	Brass	Copper-Tin-Zinc Alloy	
	PTFE		
Gasket	Silicone Rubber		
Coupling nut	Brass	Copper-Tin-Zinc Alloy	
Packing			
	Single or 100		
	Single of 100		
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nowledge, but they are intended for general information n the effort to improve our products, we reserve the right	al purposes only.	www.rosnol.com; info@rosnol.com	