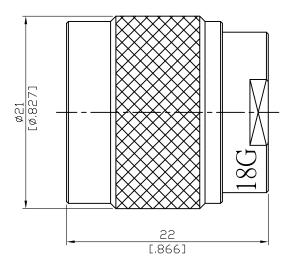


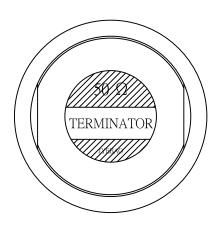
## www.jyebao.com.tw

N3900-0018

## 2 Watt 50ohm N Plug Termination 18GHz VSWR 1.2

50Ω





2 W average power from -55°C to 70°C linearly derated to 1 Watt at 165°C

Parts	Material	Plating ( Micro-inch )	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Insulator	Teflon		
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Gasket	Silicone		
	1	<u>'</u>	

N		N3900-0018
Interface		
MIL-STD-348B		
Electrical Data		
Impedance		50Ω
Frequency range		DC to 18GHz
VSWR		≤1.2 (DC to 18GHz)
Insertion loss		$\leq$ 0.05 x $\sqrt{f(GHz)}$ dB
Insulation resistance		≧5000MΩ
Contact resistance inner cor	ductor	≦1.5mΩ
Contact resistance outer cor	nductor	≦1mΩ
Dielectric withstanding voltage	ge (at sea level)	2500 V rms
Working voltage (at sea leve		1000 V rms
Mechanical Data		
Recommended coupling nut	torque	6 to 10 inch lbs
Coupling proof torque		15 inch lbs
Coupling nut retention force		≧101.2 lbs
Contact captivation-axial		≧6.3 lbs
Durability (mating)		≥500
Environmental Data		
Temperature range		-55°C to +165°C
Thermal shock		MIL-STD-202, Method 107, Condition B
Moisture resistance		MIL-STD-202, Method 106
Corrosion		MIL-STD-202, Method 101, Condition B
RoHS		Compliant
		•
Tooling		

Notice: JYEBAO reserves the right to make modifications deemed appropriate.