

N39SW-0018		2 Watt 50ohm N Plug Termination With Black Jacketed Stainless Steel Wire; 18GHz VSWR 1.2 50Ω		
2W average power from -55°C to 70°C linearly derated to 1 Watt at 165°C				
Parts	Material	Plating (Micro-inch)		
Wire	Stainless Steel With Black Jacket			
E-Ring	Stainless Steel	Passivated		
Resistance				
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50		
Gasket	Silicone			
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20		
Insulator	Teflon			
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50		
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50		

This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.



Ν	N39SW-0018	
Interface		
MIL-STD-348B		
Electrical Data		
Impedance		50Ω
Frequency range		DC to 18GHz
VSWR		$\leq 1.2$ (DC to 18GHz)
Insertion loss		$\leq 0.05 \text{ x} \sqrt{f(GHz)} dB$
Insulation resistance		$\geq$ 5000MQ
Contact resistance inner cor		$\leq 1.5 \text{m}\Omega$
Contact resistance outer cor	nductor	$\leq 1m\Omega$
Dielectric withstanding volta	,	2500 V rms
Working voltage (at sea leve	el)	1000 V rms
Mechanical Data		
Recommended coupling nut	torque	6 to 10 inch lbs
Coupling proof torque	-	15 inch lbs
Coupling nut retention force		$\geq$ 101.2 lbs
Contact captivation-axial		$\geq$ 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
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Tooling		

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