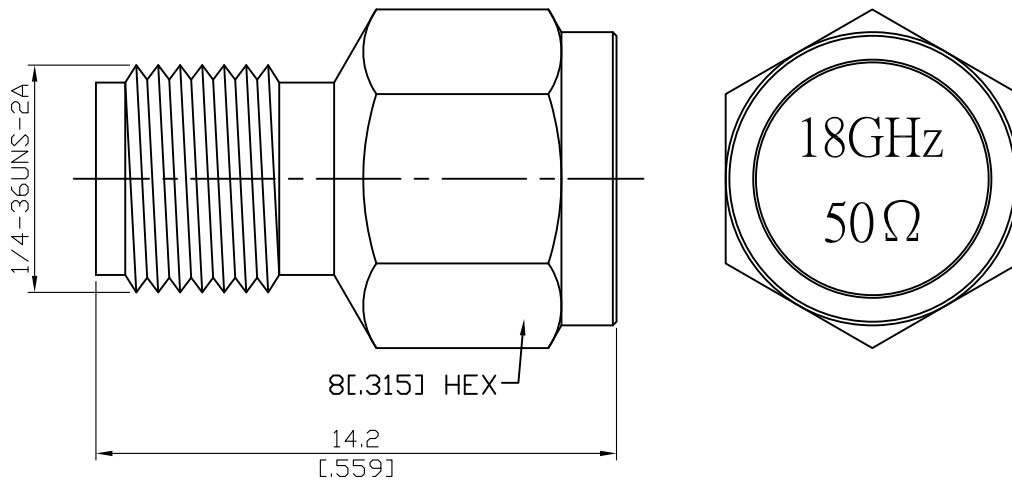


SMA8900S-0018

2 Watt 50ohm SMA Jack Termination
6GHz VSWR 1.1; 12.4GHz VSWR 1.15; 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)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Stainless Steel	Passivated

Weight: 3.19g

This part number complies with RoHS.

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

SMA	SMA8900S-0018
<div data-bbox="167 344 568 389" style="border: 1px solid black; padding: 2px;">Interface</div> <p>MIL-STD-348B Mechanically compatible with</p>	
	2.92 & 3.5
<div data-bbox="167 512 568 557" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance Frequency range VSWR Insertion loss Insulation resistance Contact resistance inner conductor Contact resistance outer conductor Dielectric withstanding voltage (at sea level) Working voltage (at sea level)</p>	
	<p>50Ω DC to 18GHz ≤ 1.1 (DC to 6GHz) ≤ 1.15 (6~12.4GHz) ≤ 1.2 (12.4~18GHz) ≤ 0.04 x √f(GHz) dB ≥ 5000MΩ ≤ 3mΩ ≤ 2mΩ 1500 V rms 500 V rms</p>
<div data-bbox="167 1153 568 1198" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p>Recommended coupling nut torque Coupling proof torque Coupling nut retention force Contact Captivation-axial Durability (mating)</p>	
	<p>7 to 9.5 inch lbs 15 inch lbs ≥ 60.7 lbs ≥ 6.1 lbs ≥ 500</p>
<div data-bbox="167 1507 568 1552" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p>Temperature range Thermal shock Moisture resistance Corrosion RoHS</p>	
	<p>-55°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 106 MIL-STD-202, Method 101, Condition B Compliant</p>
<div data-bbox="167 1861 568 1906" style="border: 1px solid black; padding: 2px;">Tooling</div>	