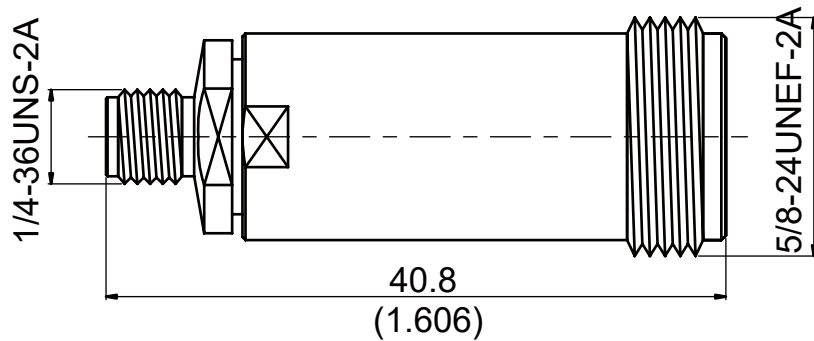


AD-A8N8-18	<b>SMA JACK TO N JACK</b> 18GHz VSWR 1.15	<b>50Ω</b>
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Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator(N)	PPO	
Insulator(SMA)	Teflon	
Body(SMA)	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body(N)	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 33.04 g

This part number complies with RoHS.

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

AD-A8N8-18	SMA JACK TO N JACK 18GHz VSWR 1.15																
<div data-bbox="129 344 531 394" style="border: 1px solid black; padding: 2px;">Interface</div> <p>Standard</p> <p>Mechanically compatible with</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">SMA</th> <th style="width: 50%;">N</th> </tr> </thead> <tbody> <tr> <td>MIL-STD-348B</td> <td>MIL-STD-348B</td> </tr> <tr> <td>2.92 &amp; 3.5</td> <td></td> </tr> </tbody> </table>	SMA	N	MIL-STD-348B	MIL-STD-348B	2.92 & 3.5											
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<div data-bbox="129 607 531 656" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance 50Ω</p> <p>Frequency Range DC To 18GHz</p> <p>VSWR <math>\leq 1.15</math> (DC To 18GHz)</p> <p>Insertion Loss <math>\leq 0.04 \times \sqrt{f(\text{GHz})}</math> dB</p> <p>Insulation Resistance <math>\geq 5000\text{M}\Omega</math></p> <p>Dielectric Withstanding Voltage (at sea level) 1500 V rms</p> <p>Working Voltage (at sea level) 500 V rms</p>																	
<div data-bbox="129 1104 531 1153" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%;">SMA</th> <th style="width: 25%;">N</th> </tr> </thead> <tbody> <tr> <td>Recommended Coupling Nut Torque</td> <td>4 in-lbs</td> <td>6 to 10 in-lbs</td> </tr> <tr> <td>Coupling Proof Torque</td> <td>5.3 in-lbs</td> <td>15 in-lbs</td> </tr> <tr> <td>Contact Captivation-axial</td> <td><math>\geq 6.1</math> lbs</td> <td><math>\geq 6.3</math> lbs</td> </tr> <tr> <td>Durability (mating)</td> <td><math>\geq 100</math></td> <td><math>\geq 500</math></td> </tr> </tbody> </table>				SMA	N	Recommended Coupling Nut Torque	4 in-lbs	6 to 10 in-lbs	Coupling Proof Torque	5.3 in-lbs	15 in-lbs	Contact Captivation-axial	$\geq 6.1$ lbs	$\geq 6.3$ lbs	Durability (mating)	$\geq 100$	$\geq 500$
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<div data-bbox="129 1556 531 1606" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p>Temperature Range -55°C to +105°C</p> <p>Thermal Shock MIL-STD-202, Method 107, Condition B</p> <p>Moisture Resistance MIL-STD-202, Method 206</p> <p>Corrosion MIL-STD-202, Method 101, Condition B</p> <p>RoHS Compliant</p>																	

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