

AD-A3N8-18	SMA PLUG TO N JACK 18GHz VSWR 1.15	50Ω																											
<table border="1"> <thead> <tr> <th>Parts</th> <th>Material</th> <th>Plating (Micro-inch)</th> </tr> </thead> <tbody> <tr> <td>Retainer Ring</td> <td>Beryllium Copper</td> <td>Tin-Zinc-Copper-Alloy 200 Over Copper 50</td> </tr> <tr> <td>Gasket</td> <td>Silicon</td> <td></td> </tr> <tr> <td>Contact Pin</td> <td>Beryllium Copper</td> <td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> <tr> <td>Insulator(N)</td> <td>PPO</td> <td></td> </tr> <tr> <td>Insulator(SMA)</td> <td>PTFE</td> <td></td> </tr> <tr> <td>Body(SMA)</td> <td>Brass</td> <td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> <tr> <td>Body (N)</td> <td>Brass</td> <td>Tin-Zinc-Copper-Alloy 200 Over Copper 50</td> </tr> <tr> <td>Coupling Nut</td> <td>Brass</td> <td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> </tbody> </table>	Parts	Material	Plating (Micro-inch)	Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 200 Over Copper 50	Gasket	Silicon		Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Insulator(N)	PPO		Insulator(SMA)	PTFE		Body(SMA)	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Body (N)	Brass	Tin-Zinc-Copper-Alloy 200 Over Copper 50	Coupling Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20		
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<p>Weight: 34.28 g</p>																													

This part number complies with RoHS.

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

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<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"> <thead> <tr> <th data-bbox="783 344 1123 394">SMA</th> <th data-bbox="1123 344 1482 394">N</th> </tr> </thead> <tbody> <tr> <td data-bbox="783 394 1123 443">MIL-STD-348B</td> <td data-bbox="1123 394 1482 443">MIL-STD-348B</td> </tr> <tr> <td data-bbox="783 443 1123 492">2.92 & 3.5</td> <td data-bbox="1123 443 1482 492"></td> </tr> </tbody> </table>	SMA	N	MIL-STD-348B	MIL-STD-348B	2.92 & 3.5								
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<div data-bbox="129 604 531 654" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance</p> <p>Frequency Range</p> <p>VSWR</p> <p>Insertion Loss</p> <p>Insulation Resistance</p> <p>Dielectric Withstanding Voltage (at sea level)</p> <p>Working Voltage (at sea level)</p>	<p>50Ω</p> <p>DC To 18GHz</p> <p>≤ 1.15 (DC To 18GHz)</p> <p>≤ 0.04 x √f(GHz) dB</p> <p>≥ 5000MΩ</p> <p>1500 V rms</p> <p>500 V rms</p>													
<div data-bbox="129 1104 531 1153" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p>Recommended Coupling Nut Torque</p> <p>Coupling Proof Torque</p> <p>Coupling Nut Retention Force</p> <p>Contact Captivation-axial</p> <p>Durability (mating)</p>	<table border="1"> <thead> <tr> <th data-bbox="783 1160 1123 1209">SMA</th> <th data-bbox="1123 1160 1482 1209">N</th> </tr> </thead> <tbody> <tr> <td data-bbox="783 1209 1123 1258">4 in-lbs</td> <td data-bbox="1123 1209 1482 1258">6 to 10 in-lbs</td> </tr> <tr> <td data-bbox="783 1258 1123 1308">5.3 in-lbs</td> <td data-bbox="1123 1258 1482 1308">15 in-lbs</td> </tr> <tr> <td data-bbox="783 1308 1123 1357">≥ 60.7 lbs</td> <td data-bbox="1123 1308 1482 1357">NA</td> </tr> <tr> <td data-bbox="783 1357 1123 1406">≥ 6.1 lbs</td> <td data-bbox="1123 1357 1482 1406">≥ 6.3 lbs</td> </tr> <tr> <td data-bbox="783 1406 1123 1456">≥ 100</td> <td data-bbox="1123 1406 1482 1456">≥ 500</td> </tr> </tbody> </table>		SMA	N	4 in-lbs	6 to 10 in-lbs	5.3 in-lbs	15 in-lbs	≥ 60.7 lbs	NA	≥ 6.1 lbs	≥ 6.3 lbs	≥ 100	≥ 500
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<div data-bbox="129 1554 531 1603" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p>Temperature Range</p> <p>Thermal Shock</p> <p>Moisture Resistance</p> <p>Corrosion</p> <p>RoHS</p>	<p>-55°C to +105°C</p> <p>MIL-STD-202, Method 107, Condition B</p> <p>MIL-STD-202, Method 206</p> <p>MIL-STD-202, Method 101, Condition B</p> <p>Compliant</p>													

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