

AD-A3S3	SMA Plug To SMB Plug 4GHz VSWR 1.2		50Ω
Parts	Material	Plating (Micro-inch)	
Renber Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Gasket	Silicon		
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	
Insulator	Teflon		
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	
Coupling Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	
Weight: 6.1 g			

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> Standard Mechanically Compatible With	<table border="1"> <thead> <tr> <th data-bbox="780 344 1123 394">SMA</th> <th data-bbox="1123 344 1482 394">SMB</th> </tr> </thead> <tbody> <tr> <td data-bbox="780 394 1123 443">MIL-STD-348B</td> <td data-bbox="1123 394 1482 443">MIL-STD-348B</td> </tr> <tr> <td data-bbox="780 443 1123 495">2.92 &amp; 3.5</td> <td data-bbox="1123 443 1482 495">SMS</td> </tr> </tbody> </table>	SMA	SMB	MIL-STD-348B	MIL-STD-348B	2.92 & 3.5	SMS											
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<div data-bbox="129 560 531 609" style="border: 1px solid black; padding: 2px;">Electrical Data</div> Impedance Frequency Range VSWR Insertion Loss Insulation Resistance Dielectric Withstanding Voltage (at sea level) Working Voltage (at sea level)	50Ω DC To 4GHz $\leq 1.2$ (DC To 4GHz) $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB $\geq 5000\text{M}\Omega$ 1000 V rms 335 V rms																	
<div data-bbox="129 1057 531 1106" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> Recommended Coupling Nut Torque Coupling Proof Torque Coupling Nut Retention Force Engagement Force Disengagement Force Contact Captivation-axial Durability (mating)	<table border="1"> <thead> <tr> <th data-bbox="780 1106 1123 1155">SMA</th> <th data-bbox="1123 1106 1482 1155">SMB</th> </tr> </thead> <tbody> <tr> <td data-bbox="780 1155 1123 1205">4 in-lbs</td> <td data-bbox="1123 1155 1482 1205">NA</td> </tr> <tr> <td data-bbox="780 1205 1123 1254">5.3 in-lbs</td> <td data-bbox="1123 1205 1482 1254">NA</td> </tr> <tr> <td data-bbox="780 1254 1123 1303"><math>\geq 60.7</math> lbs</td> <td data-bbox="1123 1254 1482 1303">NA</td> </tr> <tr> <td data-bbox="780 1303 1123 1352">NA</td> <td data-bbox="1123 1303 1482 1352">1.8 to 14.2 lbs</td> </tr> <tr> <td data-bbox="780 1352 1123 1402">NA</td> <td data-bbox="1123 1352 1482 1402">1.8 to 14.2 lbs</td> </tr> <tr> <td data-bbox="780 1402 1123 1451"><math>\geq 6.1</math> lbs</td> <td data-bbox="1123 1402 1482 1451"><math>\geq 4</math> lbs</td> </tr> <tr> <td data-bbox="780 1451 1123 1500"><math>\geq 100</math></td> <td data-bbox="1123 1451 1482 1500"><math>\geq 500</math></td> </tr> </tbody> </table>		SMA	SMB	4 in-lbs	NA	5.3 in-lbs	NA	$\geq 60.7$ lbs	NA	NA	1.8 to 14.2 lbs	NA	1.8 to 14.2 lbs	$\geq 6.1$ lbs	$\geq 4$ lbs	$\geq 100$	$\geq 500$
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<div data-bbox="129 1601 531 1650" style="border: 1px solid black; padding: 2px;">Environmental Data</div> Temperature Range Thermal Shock Moisture Resistance Corrosion RoHS	-65°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 206 MIL-STD-202, Method 101, Condition B Compliant																	

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