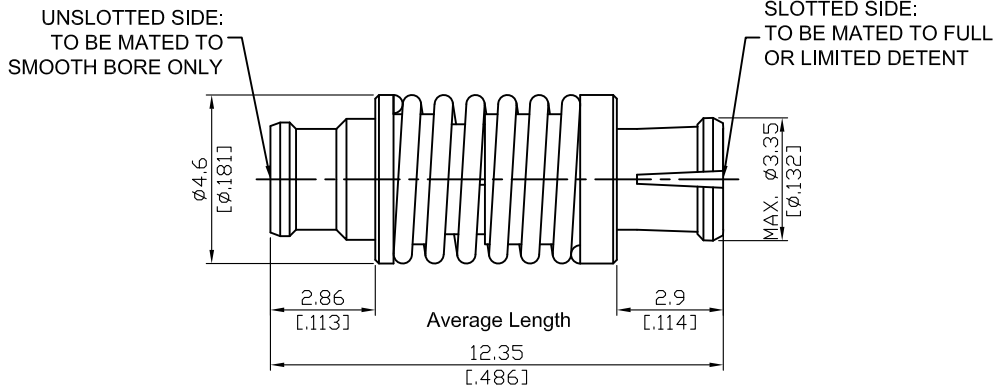


AD-P8P8-12.98

SMP Jack To SMP Jack Spring-loaded Adaptor  
18GHz VSWR 1.2 & 26.5GHz VSWR 1.35

50Ω



Note:

1. Pre-load- No compression  
Overall length L= 12.98mm  
Pre-load= 9N min.
2. Maximum compression=1.27mm  
Overall length L=11.71mm  
Load F=13.6N max.

Parts	Material	Plating ( Micro-inch )
Spring	Stainless Steel	Passivated
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

This part number complies with RoHS.

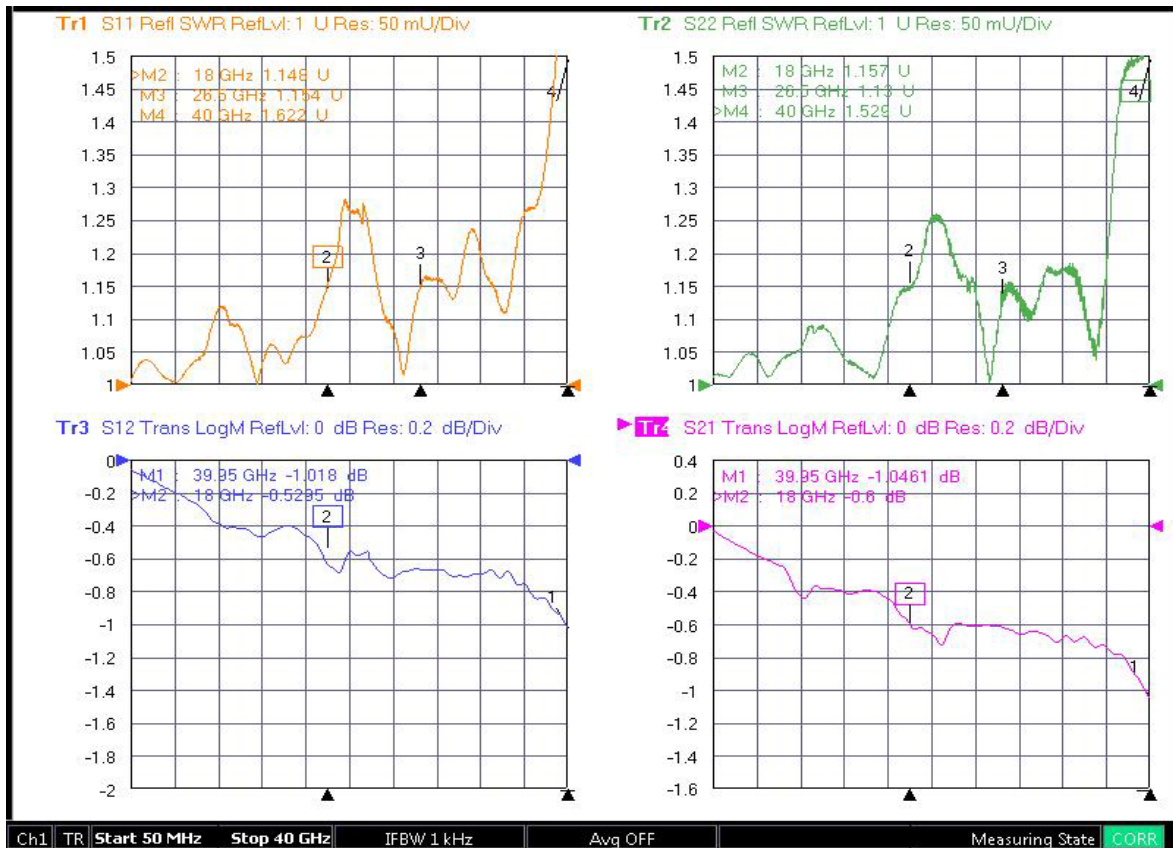
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

AD-P8P8-12.98	SMP Jack To SMP Jack Spring-loaded Adaptor 18GHz VSWR 1.2 & 26.5GHz VSWR 1.35																										
<div style="border: 1px solid black; padding: 2px;">Interface</div> <p>Standard</p>	MIL-STD-348B																										
<div style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance</p> <p>Frequency Range</p> <p>VSWR</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 26.5GHz</p> <p>≤ 1.2 (18GHz); ≤ 1.35 (26.5GHz)</p> <p>≥ 5000MΩ</p> <p>500 V rms</p> <p>335 V rms</p>																										
<div style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p>Durability (mating)</p> <p>Engagement Force</p> <p>Disengagement Force</p> <p>Axial Misalignment</p> <p>Radial Misalignment</p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="border: none;"></th> <th style="border: none;">Full detent</th> <th style="border: none;">Limited detent</th> <th style="border: none;">Smooth bore Catchers Mit</th> </tr> </thead> <tbody> <tr> <td style="border: none;">Durability (mating)</td> <td style="border: none;">≥ 100</td> <td style="border: none;">≥ 500</td> <td style="border: none;">≥ 1000</td> </tr> <tr> <td style="border: none;">Engagement Force</td> <td style="border: none;">≤ 15 lbs</td> <td style="border: none;">≤ 10 lbs</td> <td style="border: none;">≤ 2 lbs</td> </tr> <tr> <td style="border: none;">Disengagement Force</td> <td style="border: none;">≥ 5 lbs</td> <td style="border: none;">≥ 2 lbs</td> <td style="border: none;">≥ 0.5 lbs</td> </tr> <tr> <td style="border: none;">Axial Misalignment</td> <td colspan="3" style="border: none;">+0.00/-0.25(+.000/-0.010)</td> </tr> <tr> <td style="border: none;">Radial Misalignment</td> <td colspan="3" style="border: none;">+/-0.25(0.010)</td> </tr> </tbody> </table>				Full detent	Limited detent	Smooth bore Catchers Mit	Durability (mating)	≥ 100	≥ 500	≥ 1000	Engagement Force	≤ 15 lbs	≤ 10 lbs	≤ 2 lbs	Disengagement Force	≥ 5 lbs	≥ 2 lbs	≥ 0.5 lbs	Axial Misalignment	+0.00/-0.25(+.000/-0.010)			Radial Misalignment	+/-0.25(0.010)		
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<div 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>-65°C to +165°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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# AD- AD-P8P8-12.98

## Pre-load test results (no compression)



## Test results with maximum compression

