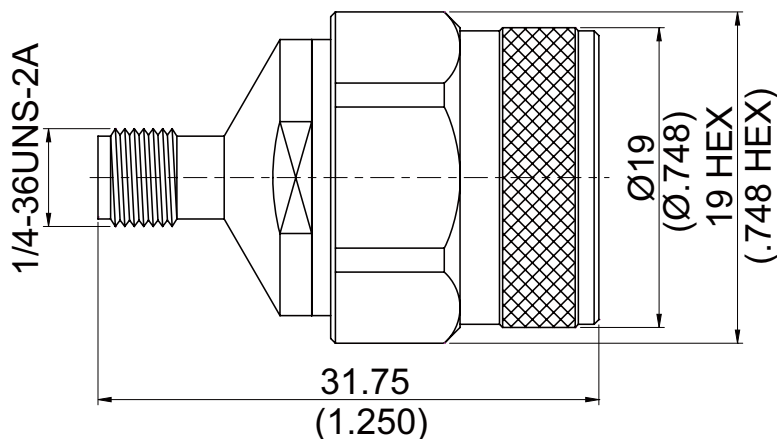


AD-A8N3A-18SH

SMA jack to N plug  
18GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body(SMA)	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 200 Over Copper 50
Gasket	Silicone	
Insulator	PPO	
Insulator	Teflon	
Body(N)	Brass	Tin-Zinc-Copper-Alloy 200 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 200 Over Copper 50

Weight:

This part number complies with RoHS.

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

AD-A8N3A-18SH	<b>SMA jack to N plug 18GHz VSWR 1.2</b>													
<b>Interface</b> 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">N</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 492">2.92 &amp; 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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<b>Electrical Data</b> Impedance Frequency Range VSWR Insertion Loss Insulation Resistance Dielectric Withstanding Voltage (at sea level) Working Voltage (at sea level)	<table border="1"> <tbody> <tr> <td data-bbox="780 656 1123 705">50Ω</td> </tr> <tr> <td data-bbox="780 705 1123 754">DC To 18GHz</td> </tr> <tr> <td data-bbox="780 754 1123 804">≤ 1.2 (DC To 18GHz)</td> </tr> <tr> <td data-bbox="780 804 1123 853">≤ 0.04 x √f(GHz) dB</td> </tr> <tr> <td data-bbox="780 853 1123 902">≥ 5000MΩ</td> </tr> <tr> <td data-bbox="780 902 1123 952">1500 V rms</td> </tr> <tr> <td data-bbox="780 952 1123 1001">500 V rms</td> </tr> </tbody> </table>		50Ω	DC To 18GHz	≤ 1.2 (DC To 18GHz)	≤ 0.04 x √f(GHz) dB	≥ 5000MΩ	1500 V rms	500 V rms					
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<b>Mechanical Data</b> Recommended Coupling Nut Torque Coupling Proof Torque Coupling Nut Retention Force Contact Captivation-axial Durability (mating)	<table border="1"> <thead> <tr> <th data-bbox="780 1160 1123 1209">SMA</th> <th data-bbox="1123 1160 1482 1209">N</th> </tr> </thead> <tbody> <tr> <td data-bbox="780 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="780 1258 1123 1308">5.3 in-lbs</td> <td data-bbox="1123 1258 1482 1308">15 in-lbs</td> </tr> <tr> <td data-bbox="780 1308 1123 1357">NA</td> <td data-bbox="1123 1308 1482 1357">≥ 101.2 lbs</td> </tr> <tr> <td data-bbox="780 1357 1123 1406">≥ 6.1 lbs</td> <td data-bbox="1123 1357 1482 1406">≥ 6.3 lbs</td> </tr> <tr> <td data-bbox="780 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	NA	≥ 101.2 lbs	≥ 6.1 lbs	≥ 6.3 lbs	≥ 100	≥ 500
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<b>Environmental Data</b> Temperature Range Thermal Shock Moisture Resistance Corrosion RoHS	<table border="1"> <tbody> <tr> <td data-bbox="780 1603 1123 1653">-55°C to +105°C</td> </tr> <tr> <td data-bbox="780 1653 1123 1702">MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td data-bbox="780 1702 1123 1751">MIL-STD-202, Method 206</td> </tr> <tr> <td data-bbox="780 1751 1123 1800">MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td data-bbox="780 1800 1123 1850">Compliant</td> </tr> </tbody> </table>		-55°C to +105°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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