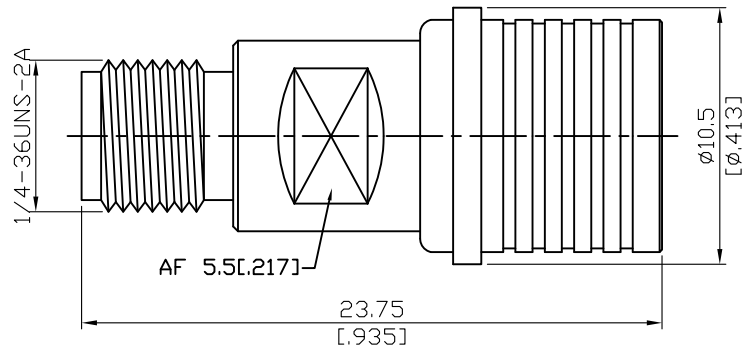


AD-A8Q3	SMA Jack to QMA Plug; 6GHz VSWR 1.1; 18GHz VSWR 1.25	50Ω
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Parts	Material	Plating (Micro-inch)
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Body	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

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This part number complies with RoHS.

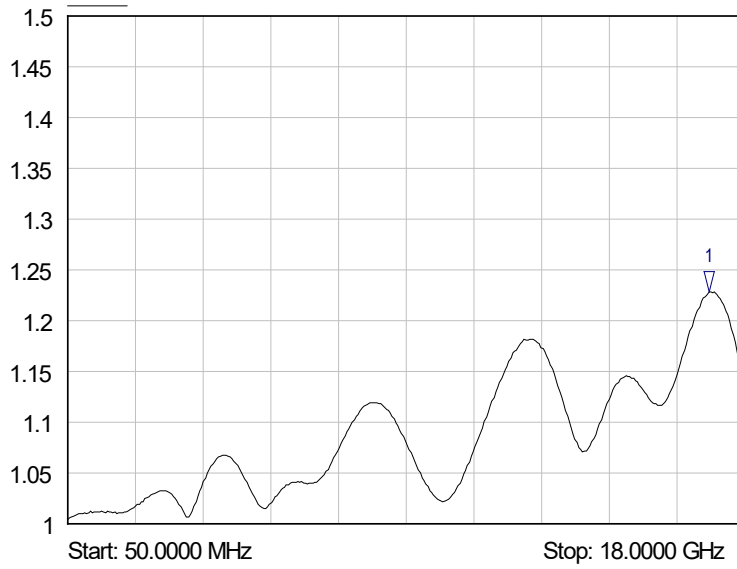
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

AD-A8Q3	SMA Jack to QMA Plug; 6GHz VSWR 1.1; 18GHz VSWR 1.25															
<div data-bbox="129 344 531 392" style="border: 1px solid black; padding: 2px;">Interface</div> Standard Mechanically Compatible With	<table border="1"> <thead> <tr> <th data-bbox="783 344 1123 392">SMA</th> <th data-bbox="1123 344 1482 392">QMA</th> </tr> </thead> <tbody> <tr> <td data-bbox="783 392 1123 439">MIL-STD-348B</td> <td data-bbox="1123 392 1482 439">Jyebao QMA</td> </tr> <tr> <td data-bbox="783 439 1123 486">2.92 & 3.5</td> <td data-bbox="1123 439 1482 486"></td> </tr> </tbody> </table>	SMA	QMA	MIL-STD-348B	Jyebao QMA	2.92 & 3.5										
SMA	QMA															
MIL-STD-348B	Jyebao QMA															
2.92 & 3.5																
<div data-bbox="129 557 531 604" 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 18GHz ≤ 1.1 (DC To 6GHz); ≤ 1.25 (18GHz) ≤ 0.06 x √f(GHz) dB ≥ 5000MΩ 1000 V rms 335 V rms															
<div data-bbox="129 1057 531 1104" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> Recommended Coupling Nut Torque Coupling Proof Torque Engagement Force Disengagement Force (typical) Contact Captivation-axial (typical) Durability (mating)	<table border="1"> <thead> <tr> <th data-bbox="783 1115 1123 1162">SMA</th> <th data-bbox="1123 1115 1482 1162">QMA</th> </tr> </thead> <tbody> <tr> <td data-bbox="783 1162 1123 1209">4 in-lbs</td> <td data-bbox="1123 1162 1482 1209">NA</td> </tr> <tr> <td data-bbox="783 1209 1123 1256">5.3 in-lbs</td> <td data-bbox="1123 1209 1482 1256">NA</td> </tr> <tr> <td data-bbox="783 1256 1123 1303">NA</td> <td data-bbox="1123 1256 1482 1303">5.6 lbs</td> </tr> <tr> <td data-bbox="783 1303 1123 1350">NA</td> <td data-bbox="1123 1303 1482 1350">4.5 lbs</td> </tr> <tr> <td data-bbox="783 1350 1123 1397">≥6.1 lbs</td> <td data-bbox="1123 1350 1482 1397">NA</td> </tr> <tr> <td data-bbox="783 1397 1123 1444">≥100</td> <td data-bbox="1123 1397 1482 1444">≥100</td> </tr> </tbody> </table>		SMA	QMA	4 in-lbs	NA	5.3 in-lbs	NA	NA	5.6 lbs	NA	4.5 lbs	≥6.1 lbs	NA	≥100	≥100
SMA	QMA															
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≥6.1 lbs	NA															
≥100	≥100															
<div data-bbox="129 1601 531 1648" 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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AD-A8Q3

SoftPlot Measurement Presentation
VSWR S11



1 S11
▽ 17.0500 GHz
1.23 VSWR