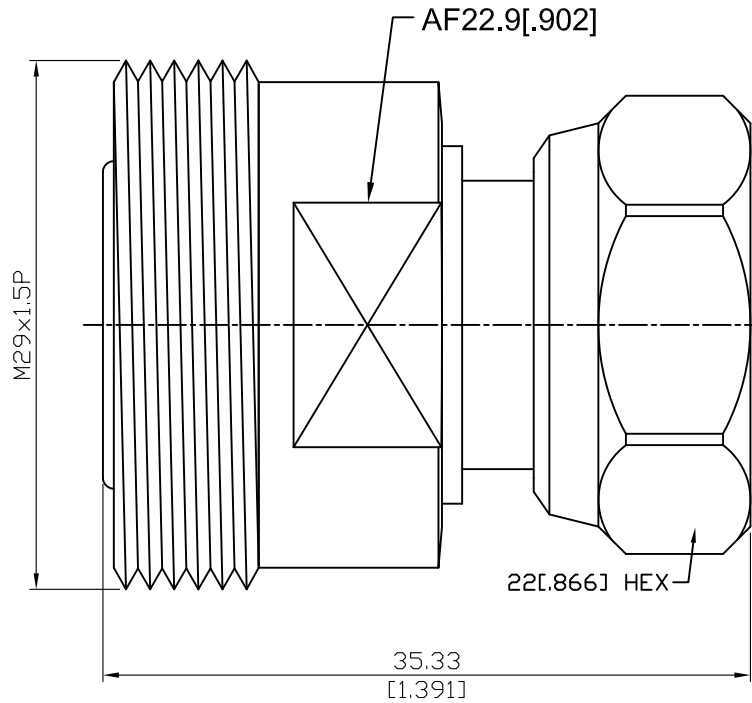


AD-DI8-4.3A/3-LP

Low PIM 7/16 Jack To 4.3-10 Plug  
6GHz VSWR 1.1

50Ω



Parts	Material	Plating ( Micro-inch )
Gasket	Silicone	
Contact Pin	P.Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

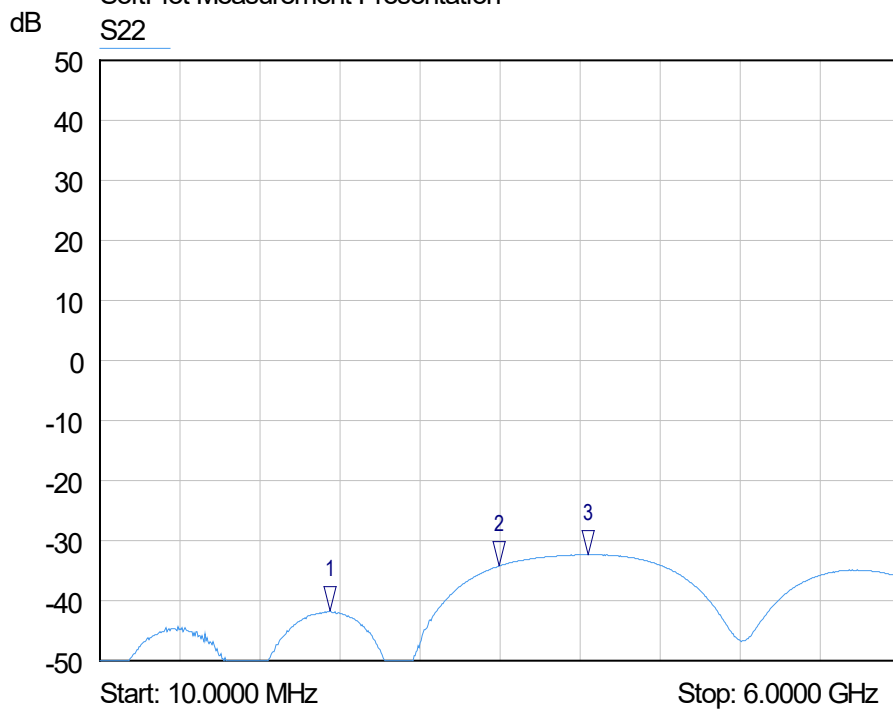
This part number complies with RoHS.

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

AD-DI8-4.3A/3-LP	Low PIM 7/16 Jack To 4.3-10 Plug 6GHz VSWR 1.1	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> Standard	7/16 IEC 60169-4	4.3-10 IEC 61169-54
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> Impedance Frequency Range VSWR Insertion Loss Insulation Resistance Dielectric Withstanding Voltage (at sea level) Working Voltage (at sea level) Intermodulation	50Ω DC To 6GHz ≤ 1.1 (DC To 6GHz) ≤ 0.04 x √f(GHz) dB ≥ 5000MΩ 2500 V rms 500 V rms ≤ -165dBc	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> Recommended Coupling Nut Torque Coupling Proof Torque Coupling Nut Retention Force Contact Captivation-axial Durability (mating)	7/16 260 in-lbs 310 in-lbs NA ≥ 45 lbs ≥ 500	4.3-10 44 in-lbs (screw type) 70 in-lbs (screw type) ≥ 101.2 lbs ≥ 6.3 lbs ≥ 100
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">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	

# AD-DI8-4.3A/3-LP

SoftPlot Measurement Presentation  
S22



- 1 S22  
▽ 1.7321 GHz  
-41.72 dB
- 2 S22  
▽ 2.9975 GHz  
-34.25 dB
- 3 S22  
▽ 3.6639 GHz  
-32.34 dB

Anritsu 01/15/2017 06:05:04 pm Save

Ref Lvl -76.6 dBm PIM Analyzer

Scale 7 dB/div PIM vs. Time

Auto Range Off

IMD 3 1.870 GHz

Test Duration 20 s

Trace Mode Fast

Temperature 26.0 °C (now)  
19.3 °C (cal)

Calibration On

M1 -129.47 dBm @4.89 s

3rd Order IM Frequency 1870.00 MHz

PIM **-181.1 dBc, -138.1 dBm**

PEAK VALUE **-172.5 dBc, -129.5 dBm**

Frequency #1 1930.00 MHz

Frequency #2 1990.00 MHz

Output Power 2 X 43.0 dBm, 20.0 Watts

Start Time 0 s      Stop Time 20 s

Restore  
Default Quick  
Name Buttons  
Change  
Quick Name  
Change  
Save Location  
Change Type  
Setup/JPEG/...

Freq      Amplitude      Setup      Measurements      Marker