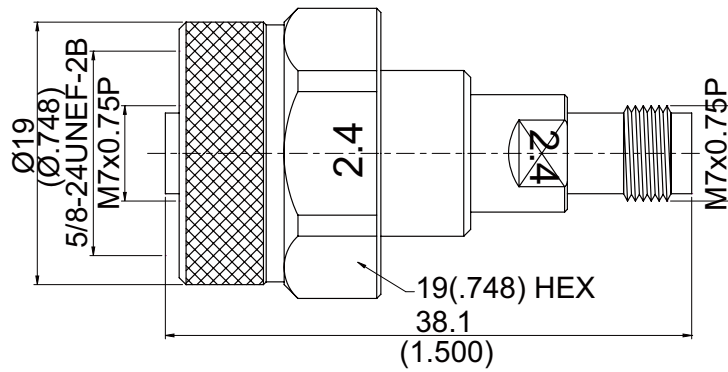


ADS-VNA2.4/8-2.4/8

2.4mm NMD jack to 2.4mm jack
50GHz VSWR 1.25

50Ω



Note: Ruggedized 2.4 jack to be mounted directly on vector network analyzer.

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

Weight:

This part number complies with RoHS.

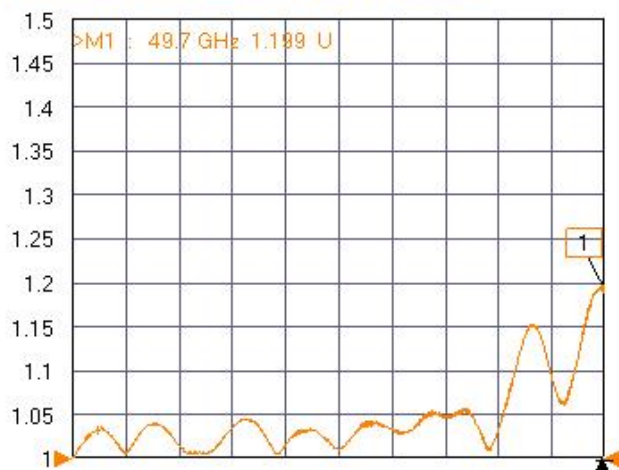
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

ADS-VNA2.4/8-2.4/8	2.4mm NMD jack to 2.4mm jack 50GHz VSWR 1.25
Interface Standard MIL-STD-348B Mechanically compatible with 1.85	
Electrical Data Impedance 50Ω Frequency Range DC to 50GHz VSWR ≤ 1.25 (DC to 50GHz) Insertion Loss $\leq 0.08 \times \sqrt{f(\text{GHz})}$ dB Insulation Resistance $\geq 5000\text{M}\Omega$ Dielectric Withstanding Voltage (at sea level) 500 V rms Working Voltage (at sea level) 150 V rms RF Leakage $\geq 100\text{dB}$ to 1GHz	
Mechanical Data Recommended Coupling Nut Torque 7.08 to 9.74 inch lbs Coupling Proof Torque 15 inch lbs Contact Captivation-axial ≥ 4.5 lbs Durability (mating) ≥ 500	
Environmental Data Temperature Range -40°C to +165°C Thermal Shock MIL-STD-202, Method 107, Condition B Moisture Resistance MIL-STD-202, Method 206 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant	

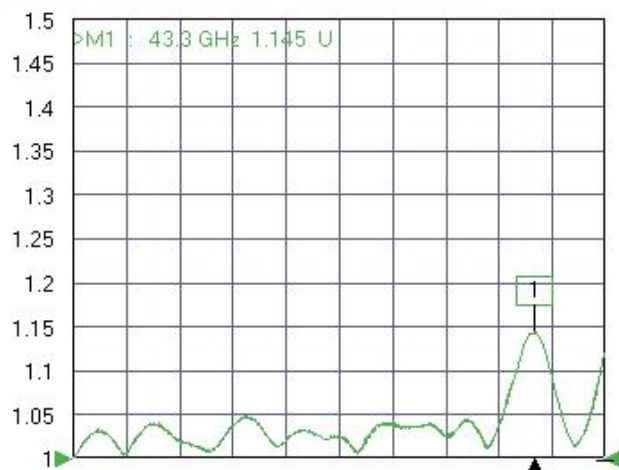
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ADS-VNA2.4/8-2.4/8

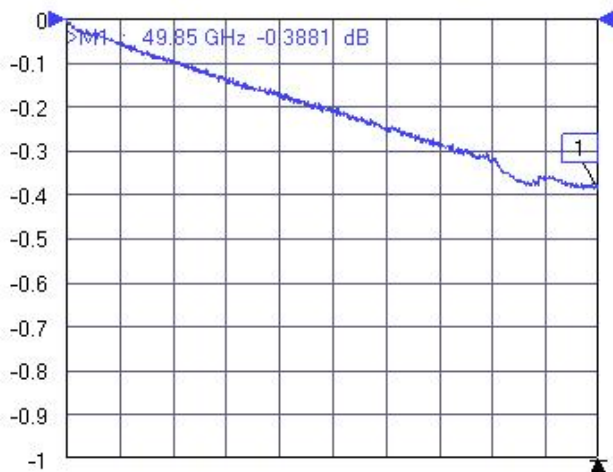
Tr1 S11 Refl SWR RefLvl: 1 U Res: 50 mU/Div



Tr2 S22 Refl SWR RefLvl: 1 U Res: 50 mU/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 0.1 dB/Div



Tr4 S12 Trans LogM RefLvl: 0 dB Res: 0.1 dB/Div



Ch1 TR Start 50 MHz Stop 50 GHz IFBW 1 kHz Avg OFF Measuring State CORR