



UWB CH2 3.7-4.2G 3700-4200MHz 6dBi omnidirectional foldable plastic housing wideband intelligent robot positioning and ranging antenna with a total length of 21x200mm

Our Product Introduction

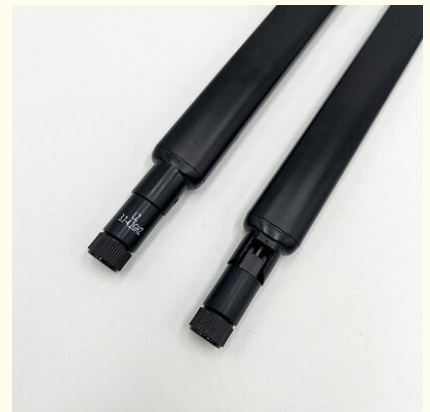
Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10053-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day

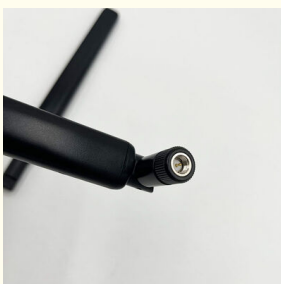


Product Specification

- Frequency: 3700-4200MHz
- VSWR: <2.0
- Peak Gain: 6dBi
- Impedance: 50



More Images



Product Description

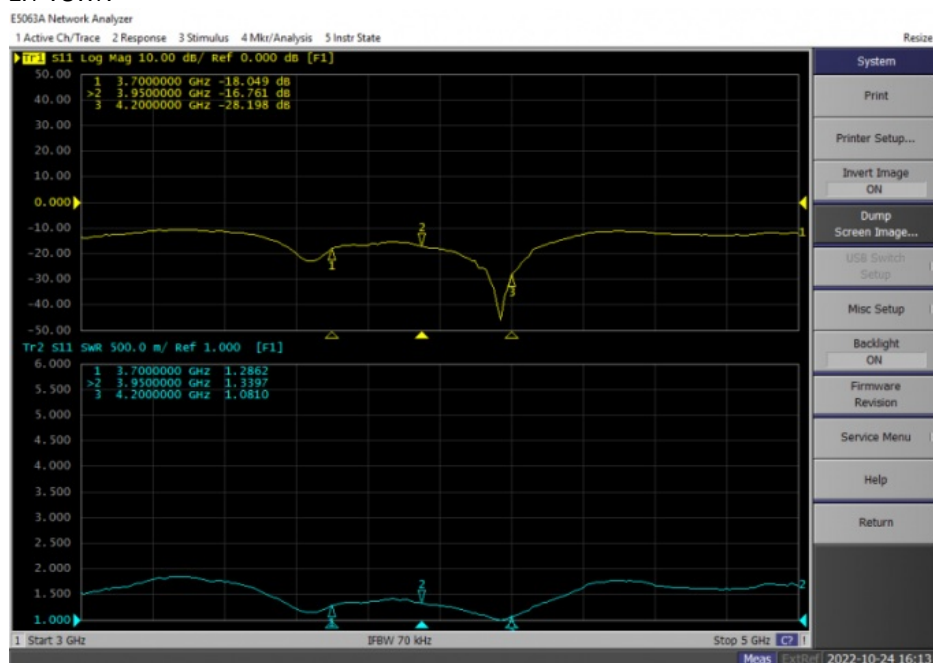
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1. Specification

A. Electrical Characteristics	
Frequency	3700-4200MHz
S.W.R.	≤ 2.0
Antenna Gain	6dBi
Efficiency	$\approx 82\%$
Polarization	Linear
Horizontal Beamwidth	360°
Vertical Beamwidth	$25 \pm 2^\circ$
Impedance	50 Ohm
B. Material & Mechanical Characteristics	
Connector Type	SMA-J
Dimension	$\phi 21 \times 200\text{mm}$
Color	Black
Weight	0.025Kg
C. Environmental	
Operation Temperature	-40 °C ~ +65 °C
Storage Temperature	-40 °C ~ +80 °C

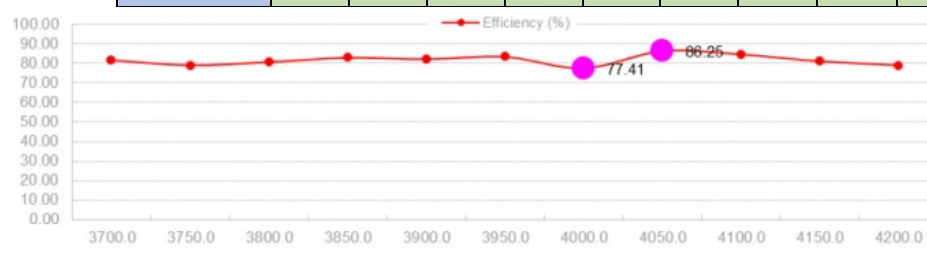
2. Antenna - S Parameter Test Data

2.1 VSWR



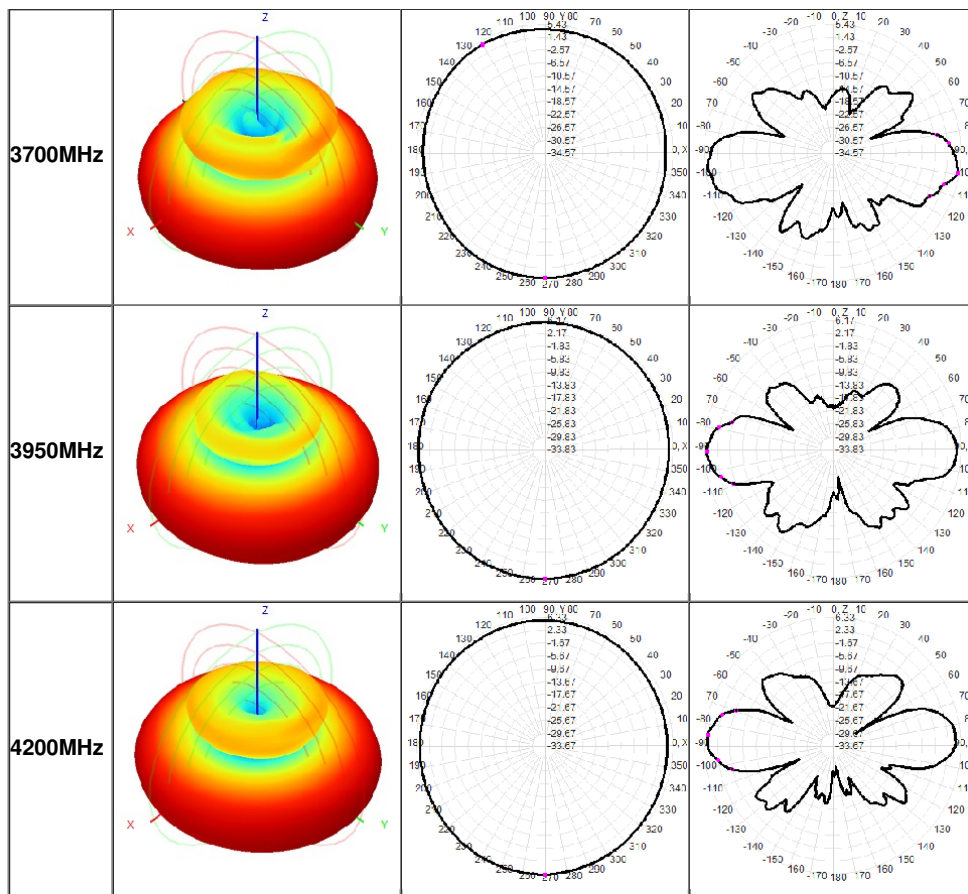
2.2 Total Efficiency & Gain

Frequency (MHz)	3700.0	3750.0	3800.0	3850.0	3900.0	3950.0	4000.0	4050.0	4100.0	4150.0	4200.0
Gain (dBi)	5.93	6.08	6.04	6.08	6.03	6.17	6.01	6.63	6.64	6.41	6.33
Efficiency (%)	81.58	78.95	80.61	82.82	82.09	83.29	77.41	86.25	84.54	81.06	78.98



2.2 Radiation Pattern

	3D	2D-Horizontal	2D-Vertical



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