



## 2\*N-K 703-803M 700M 800M 10dbi dual-polarization directional antenna for base station antenna 680x280x125mm

Our Product Introduction

for more products please visit us on [leenzantenna.com](http://leenzantenna.com)

### Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-11093-B
- Minimum Order Quantity: 2
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day



### Product Specification

- Frequency: 703-803MHz
- VSWR: <2.0
- Peak Gain: 10dBi
- Impedance: 50
- Highlight: 10dbi dual-polarization directional antenna, outdoor waterproof base station antenna, 700M 800M directional antenna



### More Images



## Product Description

2\*N-K 703-803M 700M 800M 10dbi dual-polarization directional antenna for base station antenna

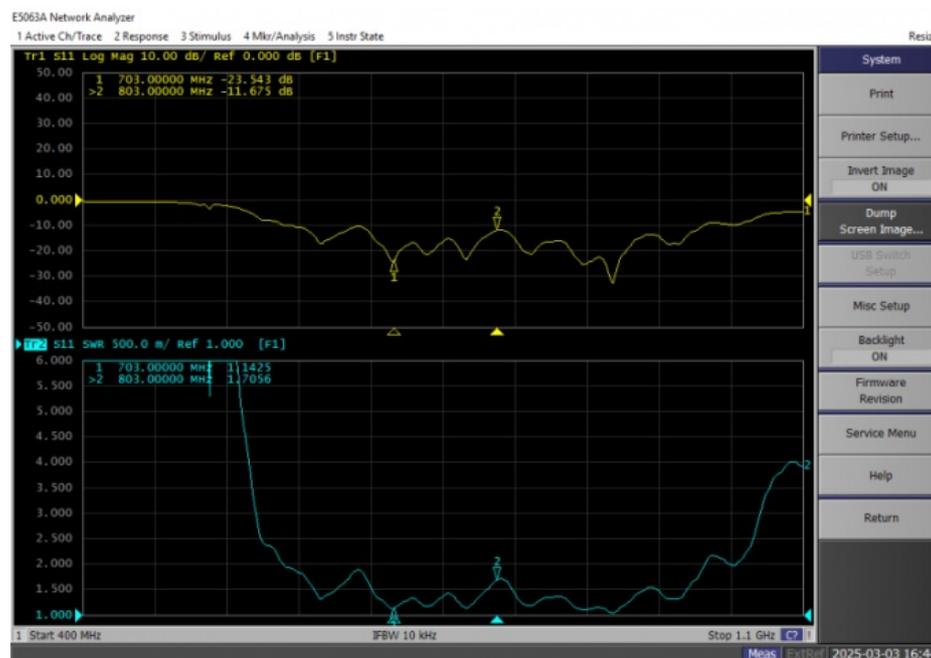
### 1. Specification

A. Electrical Characteristics	
Frequency	703-803MHz
S.W.R.	$\leq 2.0$
Antenna Gain	9dBi
Polarization	$\pm 45^\circ$
Horizontal Beamwidth	$70 \pm 10^\circ$
Vertical Beamwidth	$35 \pm 5^\circ$
F/B	$> 24\text{dB}$
Impedance	50Ohm
Max. Power	100W
B. Material & Mechanical Characteristics	
Connector Type	2*N-K
Dimension	680*280*125mm
Radome material	UPVC
Weight	6.3Kg
C. Environmental	
Operation Temperature	$-40^\circ\text{C} \sim +85^\circ\text{C}$
Storage Temperature	$-40^\circ\text{C} \sim +85^\circ\text{C}$
Operation Humidity	95%
Rated Wind Velocity	36.9m/s

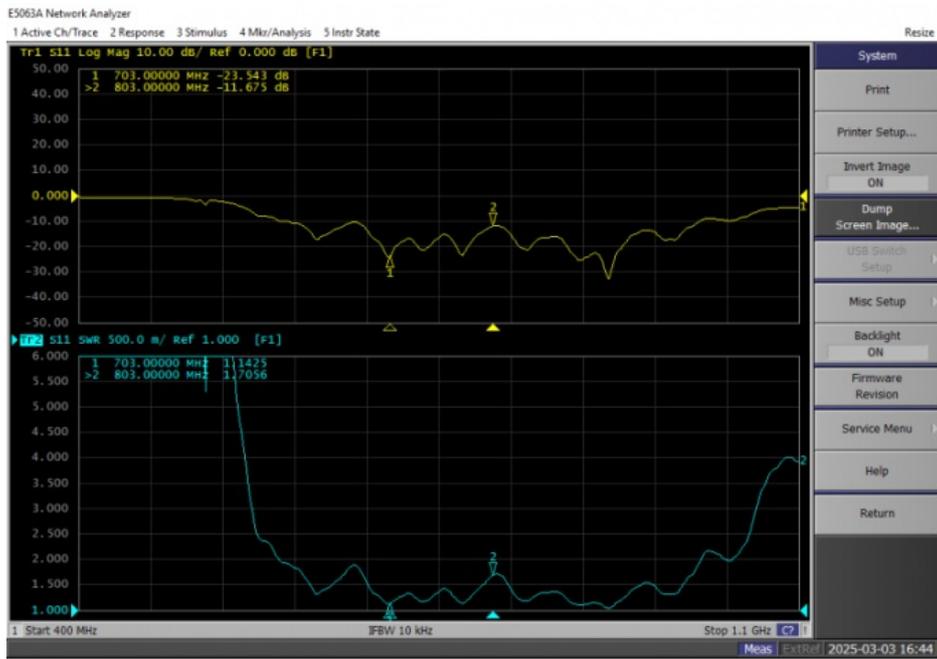
### 2. Antenna - S Parameter Test Data

#### 2.1 VSWR

##### Port 1 +45°



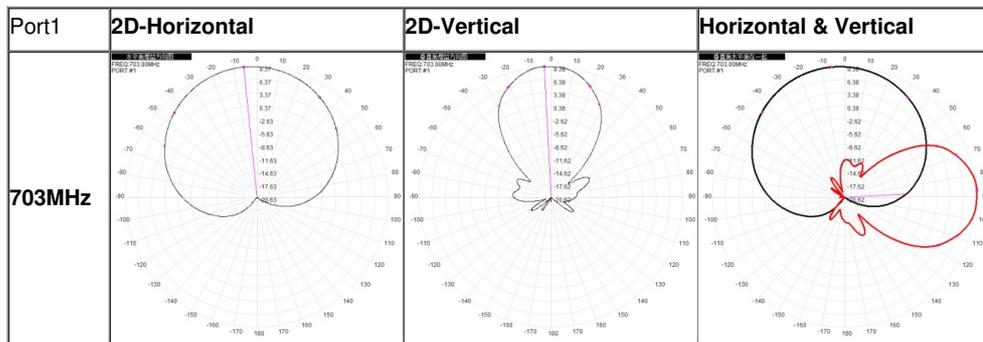
Port 2 -45°

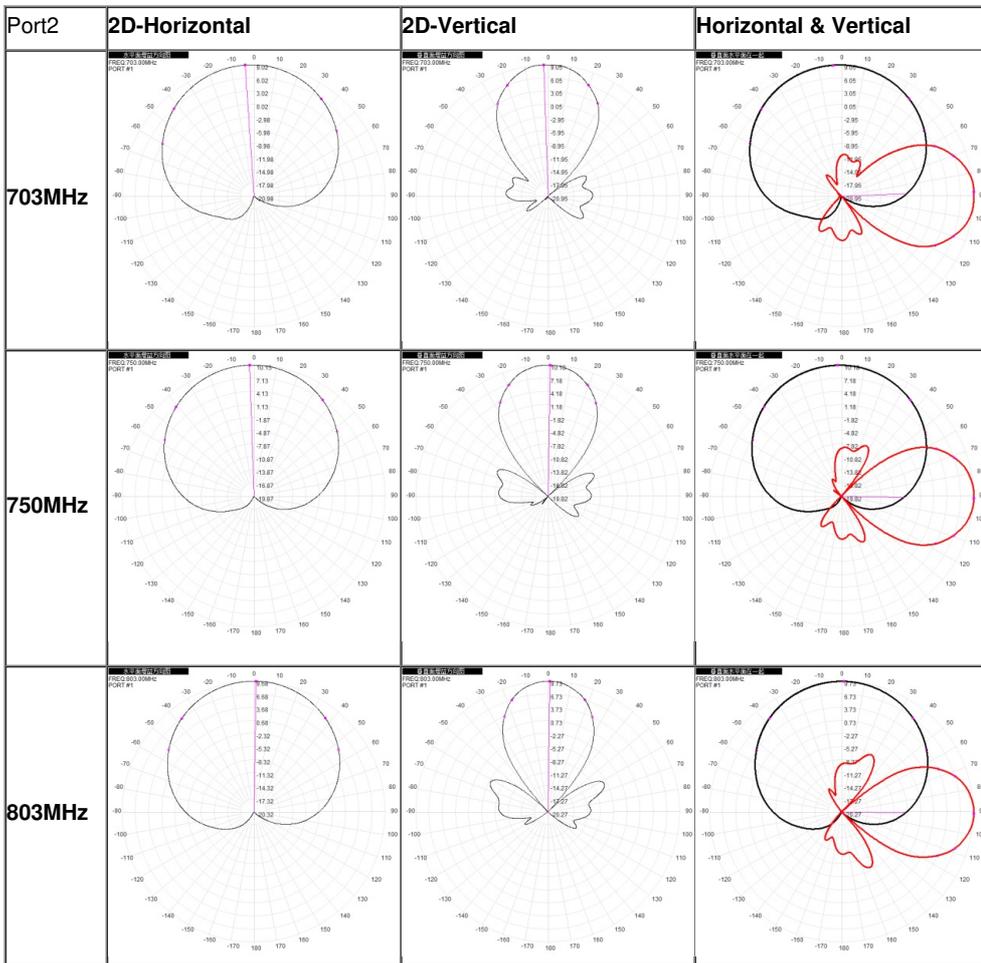
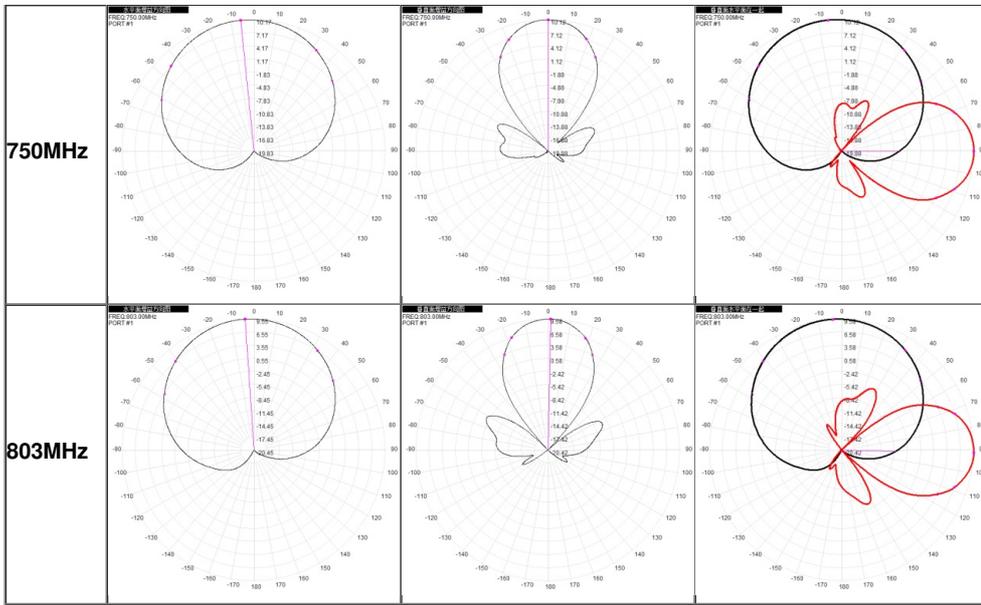


## 2.2 Total Efficiency & Gain:

Port 1 +45°		Port 2 -45°	
Frequency(MHz)	Gain(dBi)	Frequency(MHz)	Gain(dBi)
703	9.4	703	9.1
710	9.6	710	9.4
720	9.8	720	9.6
730	9.8	730	9.7
740	10.1	740	10.1
750	10.2	750	10.2
760	10.1	760	10.2
770	10.1	770	10.3
780	10.1	780	10.4
790	9.9	790	10.2
800	9.7	800	9.9
803	9.6	803	9.7

## 2.3 Radiation Pattern





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