

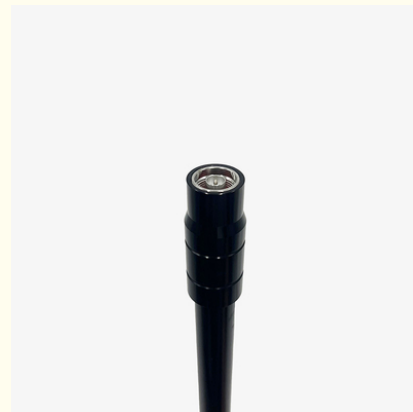


## 4800-8300M 8dbi omnidirectional black fiberglass reinforced plastic antenna 20x350mm

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-11741-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 500 per day

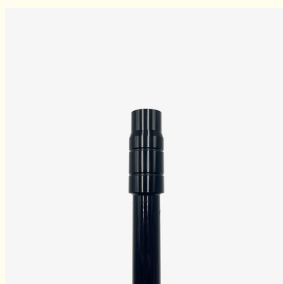
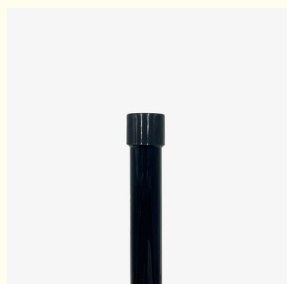


#### Product Specification

- Frequency: 4800-5300MHz
- VSWR: <2.0
- Peak Gain: 8dBi
- Impedance: 50



#### More Images



## Product Description

### 1. Specification

#### A. Electrical Characteristics

|                      |              |
|----------------------|--------------|
| Frequency            | 4800-5300MHz |
| VSWR                 | < 2.0        |
| Efficiency           | ≈70%         |
| Peak Gain            | 8dBi         |
| Impedance            | 50 Ohm       |
| Polarization         | Linear       |
| Horizontal Beamwidth | 360°         |
| Vertical Beamwidth   | 13±3°        |
| T90(H) roundness     | ±1           |
| Max Power            | 100W         |

#### B. Material & Mechanical

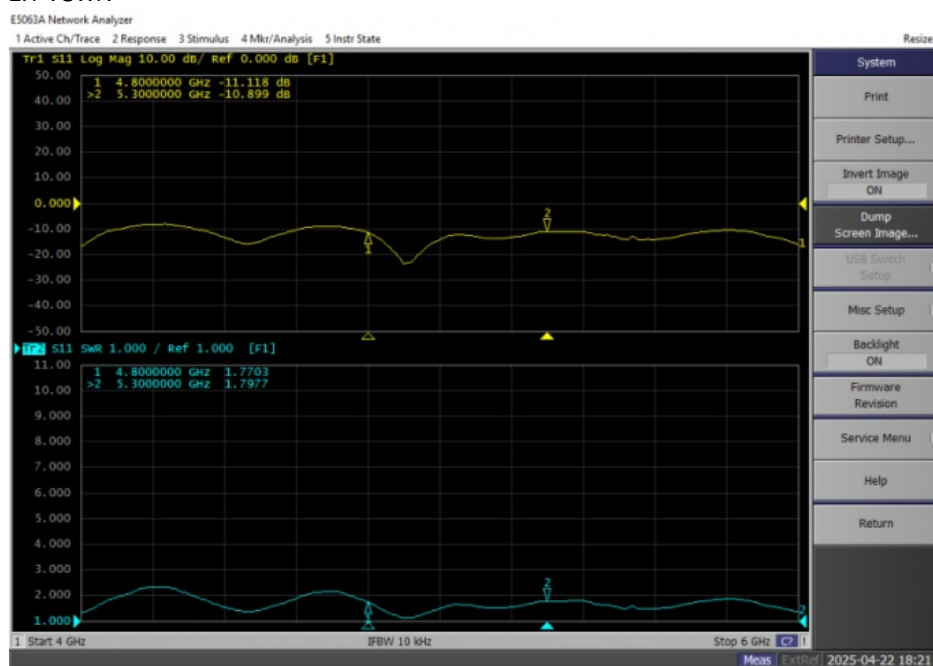
|                 |                    |
|-----------------|--------------------|
| Connector Type  | N-J                |
| Dimension       | Φ20*350±5mm        |
| Weight          | 0.17Kg             |
| Radome material | Fiberglass (black) |

#### C. Environmental

|                       |                 |
|-----------------------|-----------------|
| Operation Temperature | - 45°C ~ +85 °C |
| Storage Temperature   | - 45°C ~ +85 °C |
| Rated Wind Velocity   | 36.9m/s         |
| Lighting Protection   | Dc grounding    |

### 2. Antenna - S Parameter Test Data

#### 2.1 VSWR

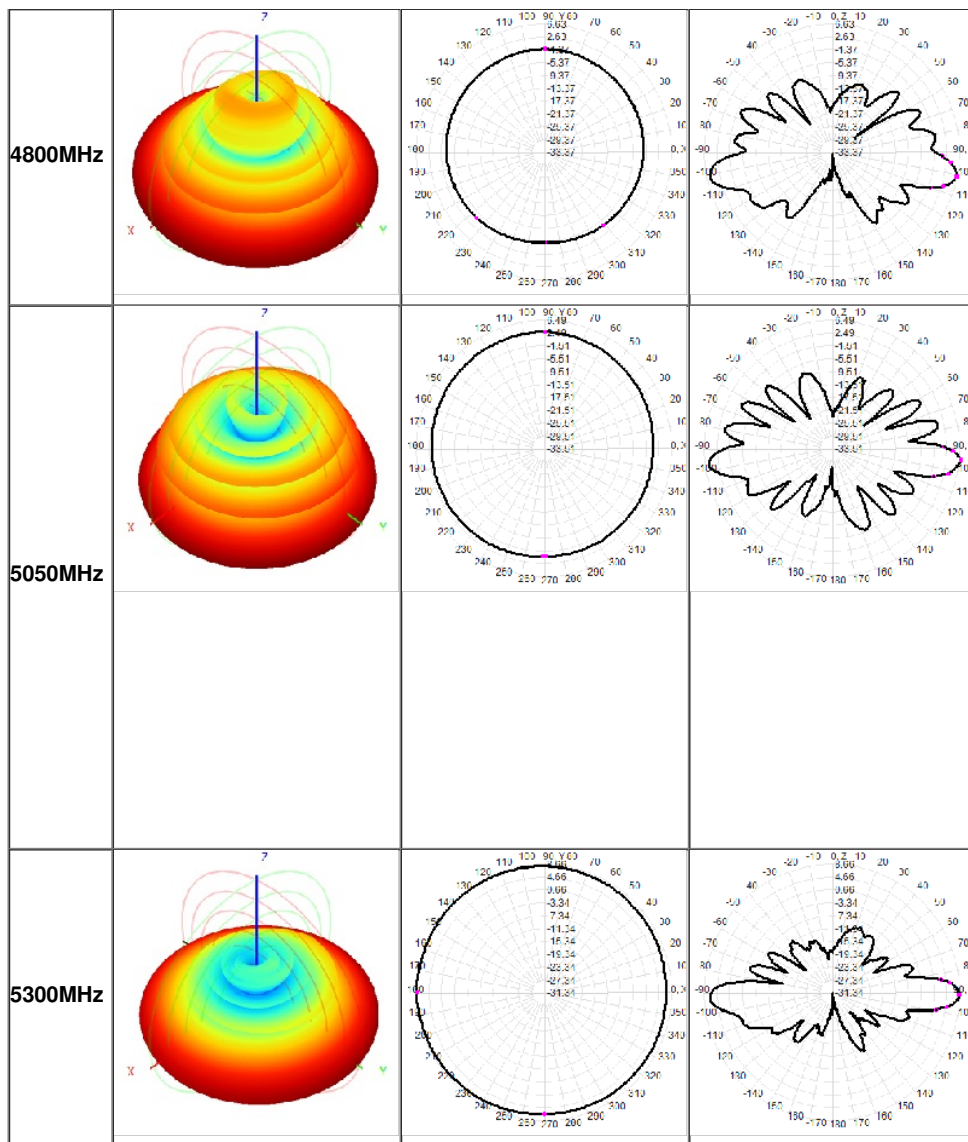


#### 2.2 Total Efficiency & Gain:

| Frequency(MHz) | Gain(dBi) | Efficiency(%) |
|----------------|-----------|---------------|
| 4800           | 6.6       | 61.4          |
| 4850           | 7.0       | 68.0          |
| 4900           | 6.8       | 68.4          |
| 4950           | 7.0       | 73.2          |
| 5000           | 6.2       | 64.1          |
| 5050           | 6.5       | 59.3          |
| 5100           | 7.6       | 65.6          |
| 5150           | 8.1       | 70.7          |
| 5200           | 8.2       | 68.8          |
| 5250           | 8.6       | 72.8          |
| 5300           | 8.7       | 72.4          |

#### 2.3 Radiation Pattern

|  | 3D | 2D-Horizontal | 2D-Vertical |
|--|----|---------------|-------------|
|  |    |               |             |



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