

Panorama 4G-5G Multi-Band MIMO Desk Antenna, 2m TS9

SKU: ANT-PA-00105
MPN: DMM-6-60-2TS9

Description

The Panorama 4G-5G Multi-Band MIMO Desk Antenna is designed for enhancing wireless communication in 4G and 5G networks. This versatile antenna supports a wide frequency range from 617 MHz to 5000 MHz, making it suitable for various mobile and data applications. Its 2x2 MIMO configuration and dual TS9 connectors ensure reliable signal reception and transmission, improving data throughput and connection stability.

Ideal for both desk and window mounting, the antenna's compact design allows for easy installation in diverse environments. It is particularly beneficial in office settings, remote areas, or any location where cellular signal strength needs boosting. The antenna's linear polarisation and high efficiency across multiple frequency bands enable it to optimise signal quality and reduce interference.

Constructed from durable plastic, the antenna operates effectively in a temperature range from -40°C to 80°C, ensuring performance...

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Panorama Antennas

Panorama's constant cutting-edge research ensures that our antennas meet the demands of the very latest communication technologies. Trusted by thousands of professionals and consumers the world over, our antennas are depended upon to provide communications even in the most challenging conditions.

Currently, Panorama specialises in professional antenna solutions for modern communications ...

RF Specification

Cell A

| | | | |
|-------------------|----------|------------------|--------|
| Start Frequency: | 617 MHz | Polarisation: | Linear |
| Stop Frequency: | 5000 MHz | Input Impedance: | 50 |
| Max. Input Power: | 20 W | | |

RF Connectors

| Ports | RF Interface | Body Shape | Cable Series | Length |
|-------|--------------|------------|--------------|---------|
| 1 | TS-9 Male | Straight | RG-174 | 2000 mm |

Frequency Test Data

| Start Freq. | Stop Freq. | Peak Gain | Efficiency |
|-------------|------------|-----------|------------|
| 617 MHz | 698 MHz | 3.1 dBi | 84% |
| 699 MHz | 798 MHz | 2.6 dBi | 83% |
| 807 MHz | 862 MHz | 2.9 dBi | 76% |
| 880 MHz | 960 MHz | 2.9 dBi | 74% |
| 1427 MHz | 1518 MHz | 3.4 dBi | 68% |
| 1710 MHz | 1920 MHz | 3.2 dBi | 74% |
| 1920 MHz | 2170 MHz | 2.6 dBi | 75% |
| 2300 MHz | 2400 MHz | 4.4 dBi | 75% |
| 2496 MHz | 2690 MHz | 5 dBi | 75% |
| 3300 MHz | 4200 MHz | 4.5 dBi | 65% |
| 4400 MHz | 5000 MHz | 6 dBi | 64% |

Cell B

| | | | |
|-------------------|----------|------------------|--------|
| Start Frequency: | 617 MHz | Polarisation: | Linear |
| Stop Frequency: | 5000 MHz | Input Impedance: | 50 |
| Max. Input Power: | 20 W | | |

RF Connectors

| Ports | RF Interface | Body Shape | Cable Series | Length |
|-------|--------------|------------|--------------|---------|
| 1 | TS-9 Male | Straight | RG-174 | 2000 mm |

Frequency Test Data

| Start Freq. | Stop Freq. | Peak Gain | Efficiency |
|-------------|------------|-----------|------------|
| 617 MHz | 698 MHz | 2.2 dBi | 86% |
| 699 MHz | 798 MHz | 2.4 dBi | 82% |
| 807 MHz | 862 MHz | 2.6 dBi | 74% |
| 880 MHz | 960 MHz | 2.4 dBi | 72% |
| 1427 MHz | 1518 MHz | 3.8 dBi | 63% |
| 1710 MHz | 1920 MHz | 3.2 dBi | 74% |
| 1920 MHz | 2170 MHz | 3.1 dBi | 75% |
| 2300 MHz | 2400 MHz | 3.5 dBi | 75% |
| 2496 MHz | 2690 MHz | 4.6 dBi | 78% |
| 3300 MHz | 4200 MHz | 4.4 dBi | 64% |
| 4400 MHz | 5000 MHz | 5.4 dBi | 62% |

Physical Specification

| | | | |
|-----------------------------|--------------------|-------------|----------------|
| Subtype: | Fin / Stud / Combo | Dimensions: | 176 x 185 x 16 |
| Input Ports: | 2 | Materials: | Plastic |
| MIMO: | 2x2 MIMO | | |
| Min. Operating Temperature: | -40 °C | | |
| Max. Operating Temperature: | 80 °C | | |

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