

Antenna

ANT-5032DPX

5.1 - 5.9 GHZ, DISH, 2X2 MIMO

ANTENNA KEY FEATURES

- 32 dBi Directional Gain
- Dual Polarization H&V or Cross
- Very Narrow Beam width
- High Quality Construction
- Heavy-Duty Mounting Elements
- Precise Adjustment Mounting Kit
- Best Solution for Noisy Area
- Radio Mount for Easier Installation
- Complied with ETSI Class

ANTENNA APPLICATIONS

- 2x2 MIMO PTP/PMP long range links
- Broadband wireless infrastructure in C-band
- 5.15 to 5.85GHz WLAN, WiFi and 5GHz WiMax



DISH - ANT-5032DPX

ELECTRICAL PROPERTIES

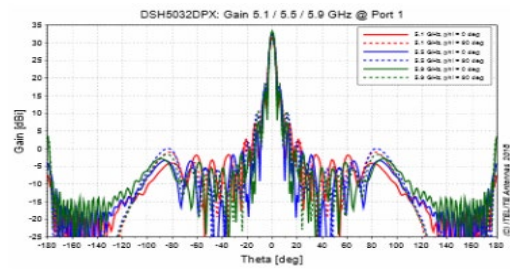
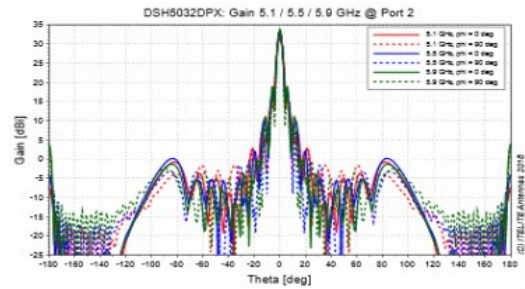
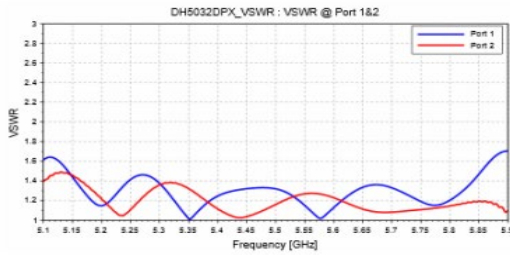
Frequency range	5.1 - 5.9 GHz
Gain	32 dBi
Polarization	Linear. H&V or Slant+/-45°
Beam width horizontal	3.7° ± 0.5° @ -3dB
Beam width vertical	3.7° ± 0.5° @ -3dB
VSWR	< 1.7
Impedance	50 ohm
Front to back ratio	> 30 dB
Port isolation	> 35 dB

MECHANICAL PROPERTIES

Connector	2 x N-type female (or 2x SMA)
Wind load	150 km/h
Mounting pole Φ	5.5cm / 2.16"
RoHS Compliant	Yes

ENCLOSURE PROPERTIES

Material	aluminum
Colour	White/order
Outside dimensions	950 mm (rim included)
Weight	10 kg
Temperature range	-40 +80°C / -40 +176°F
Lightning protection	DC ground



DESCRIPTION

A high gain dual polarized dish antenna adapted both for indoor and outdoor applications in the ISM band including IEEE 802.11ac. It provides Long Distance Point-to-Point Bridge and network backhaul. Designed for operation under severe weather conditions, High quality construction of pole mounting elements guarantee easy elevation and easy tilt down as well as rock-stable operation. It can be used as customer premise equipment and as small base stations.