

**PHAROS**

# 2x2 MIMO Sector Antenna

MODELS: TL-ANT2424MD/TL-ANT5830MD Datasheet



## Highlights

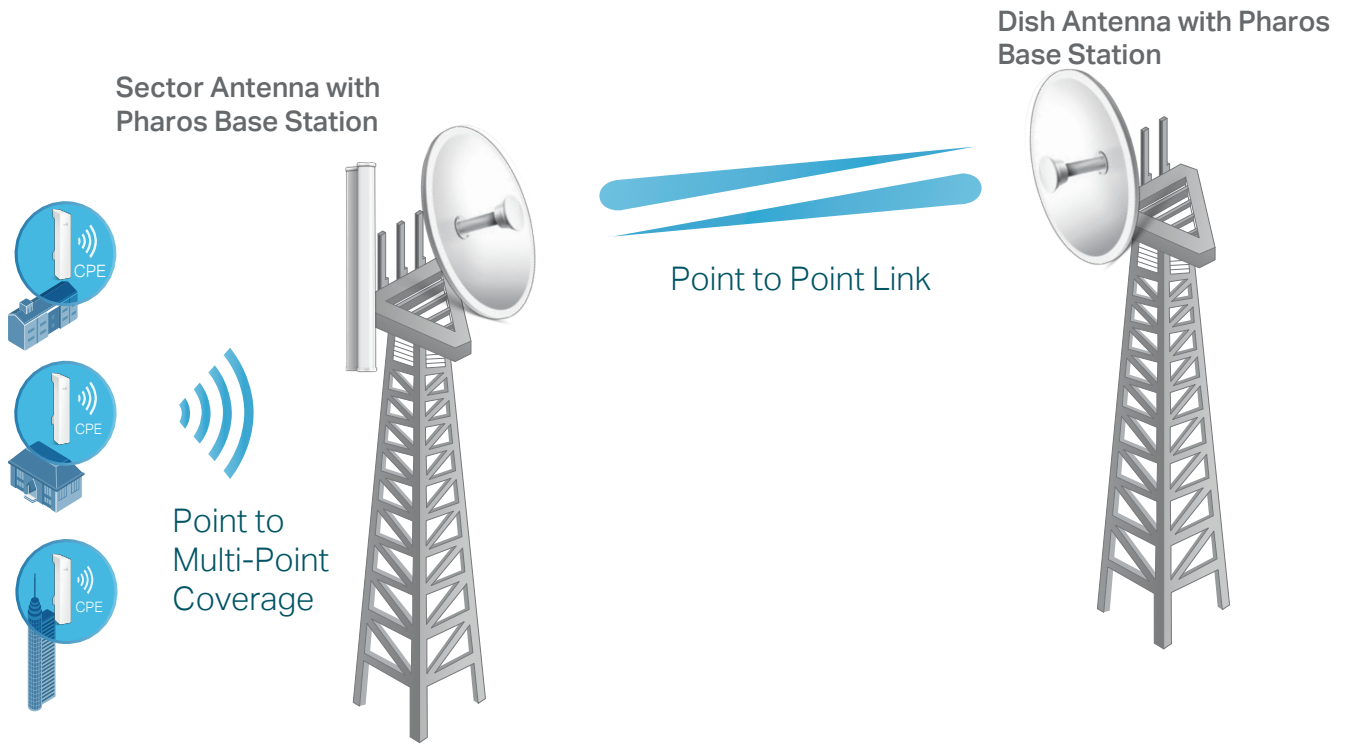
- High gain directional operation, long distance transmission, ideal for Point to Point backhaul connection
- Easy Installation, seamlessly integrated with the Pharos Base Station
- MIMO technology for higher throughput
- Weatherproof design provides protection in harsh environments

## Description

The Pharos Dish Antenna is a 2x2 MIMO Dish Antenna that is ideal for outdoor use when attached to a Pharos Base Station. These antennas, which feature high-gain directional transmission patterns, are excellent for building long distance Point-to-Point link.

## Scenarios/Topology

A TL-ANT5830MD or TL-ANT2424MD, installed with a Pharos Base Station, is ideal for supporting long distance Point-to-Point data transmission.



## Easy Installation

Designed with a built-in mount, TP-LINK dish antenna (TL-ANT5830MD/TL-ANT2424MD) work seamlessly with Pharos Base Stations and no tools are required for installation.



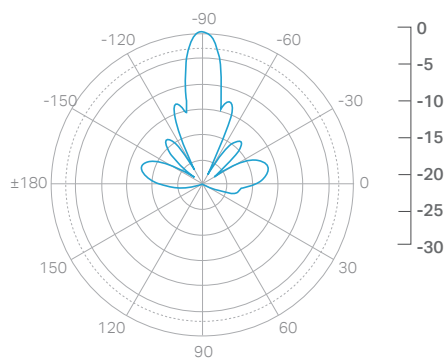
# Specifications

	TL-ANT2424MD
Frequency Range	2.3 ~ 2.7 GHz
Gain*	24dBi
VSMR	1.8 Max
HPOL Beamwidth (3dB)	6°
VPOL Beamwidth(3dB)	6°
Elevation Beamwidth (3dB)	6°
F/B Ratio	32dB Min
Impedance	50Ω
Interfaces	RP-SMA
Polarization	Horizontal & Vertical
Mounting	Pole Mount
Survival Wind Speed	241 Km/h
Standards	RoHS, WEEE

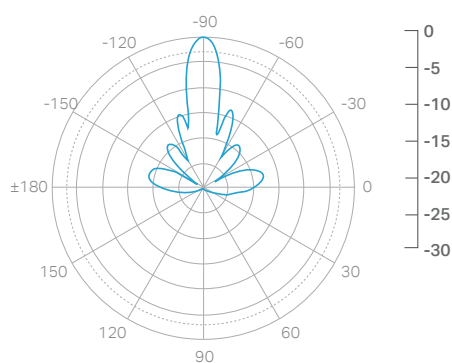
\*Exclude Cable Loss

## Radiation patterns

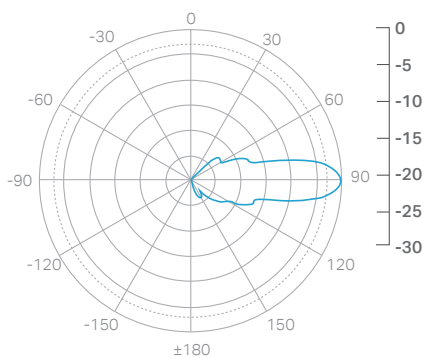
Horizontal Azimuth



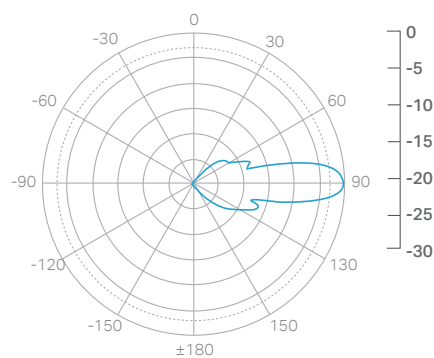
Vertical Azimuth



Horizontal Elevation



Vertical Elevation



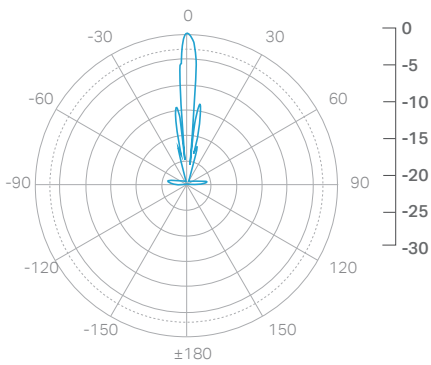
# Specifications

	TL-ANT5830MD
Frequency Range	5.0 ~ 6.0 GHz
Gain*	30dBi
VSMR	1.8 Max
HPOL Beamwidth (3dB)	6°
VPOL Beamwidth(3dB)	6°
Elevation Beamwidth (3dB)	6°
F/B Ratio	34dB Min
Impedance	50Ω
Interfaces	RP-SMA
Polarization	Horizontal & Vertical
Mounting	Pole Mount
Survival Wind Speed	241 Km/h
Standards	RoHS, WEEE

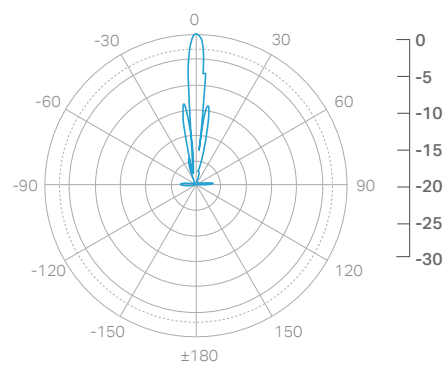
\*Exclude Cable Loss

## Radiation patterns

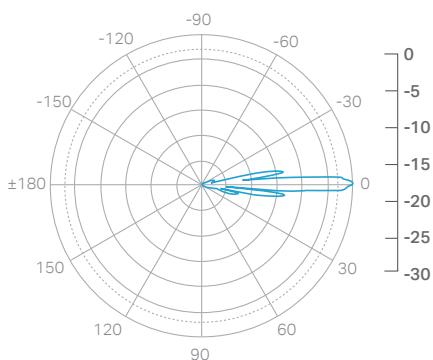
Horizontal Azimuth



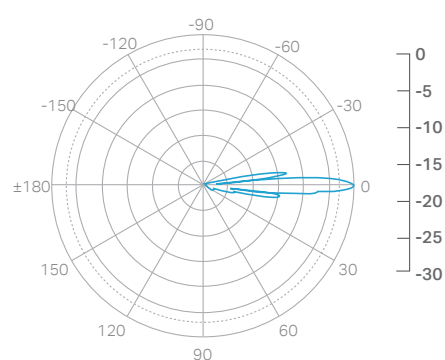
Vertical Azimuth



Horizontal Elevation



Vertical Elevation



# Ordering Information

Ideal to use with



- 2.4GHz 300Mbps Outdoor Wireless Base Station WBS210



- 5GHz 300Mbps Outdoor Wireless Base Station WBS510

## Related Products



- 2.4GHz/5GHz 300Mbps 9/13dBi Outdoor CPE CPE210 /CPE510



- 2.4GHz 15dBi/ 5GHz 19dBi 2x2 MIMO Sector Antenna TL-ANT2415MS/TL-ANT5819MS

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