

PHAROS

2x2 MIMO Sector Antenna

MODELS: TL-ANT2415MS /TL-ANT5819MS Datasheet

Highlights

- High gain directional operation, wide coverage, ideal for Point to Multi-Point connections.
- Easy Installation, seamlessly integrated with the Pharos Base Station
- MIMO technology for higher throughput
- Weatherproof design provides protection in harsh environments

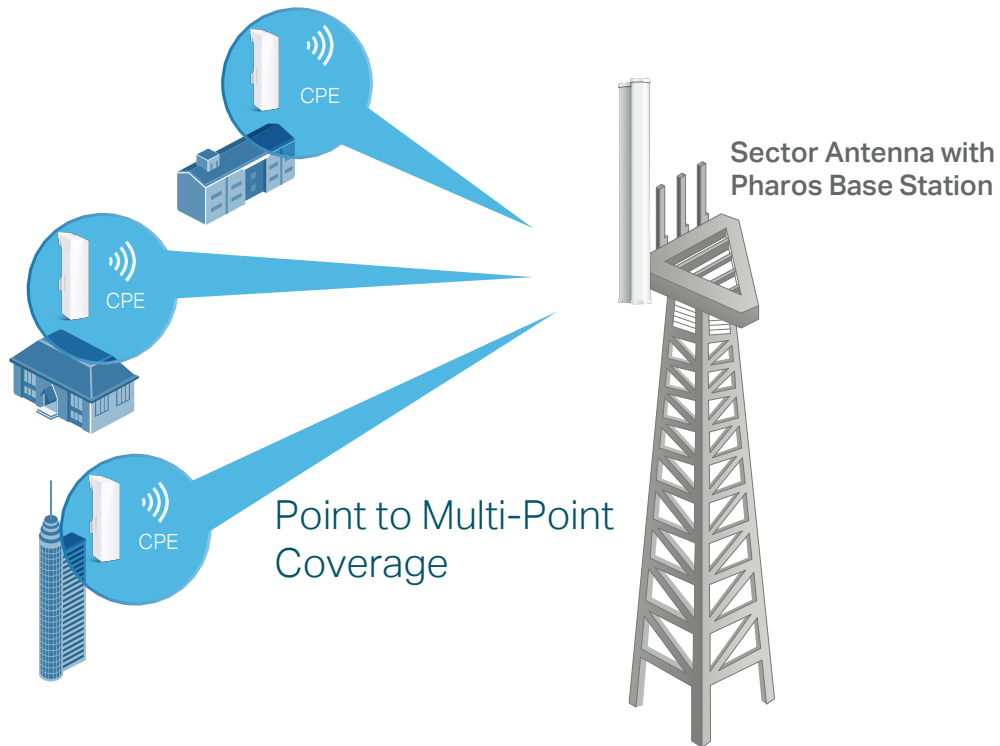
Description

The Pharos Sector Antenna is a 2x2 MIMO Sector 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-Multipoint coverage.



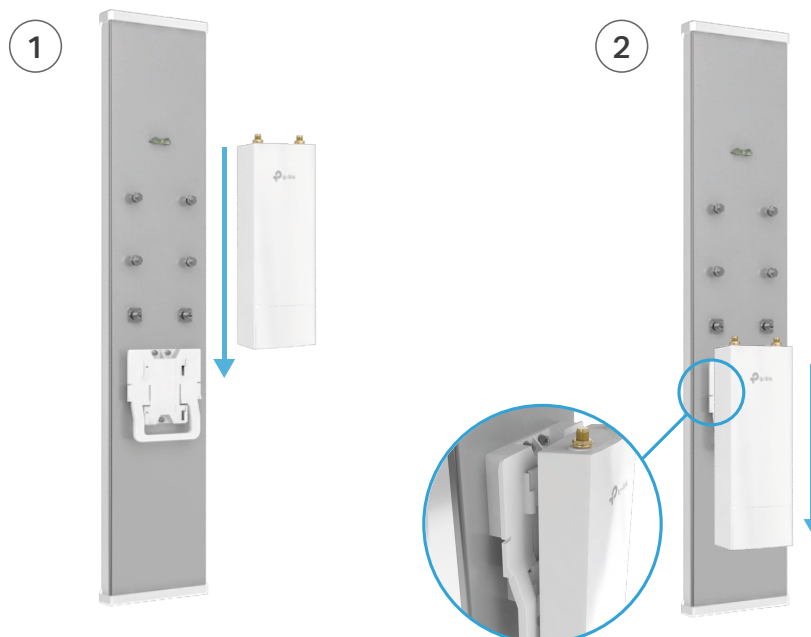
Scenarios/Topology

A TL-ANT5819MS or TL-ANT2415MS, installed with a Pharos Base Station, is ideal for supporting large area Point-to-Multipoint data transmission.



Easy Installation

Designed with a built-in mount, TP-LINK sector antennas (TL-ANT5819MS/TL-ANT2415MS) work seamlessly with Pharos Base Stations and no tools are required for installation.



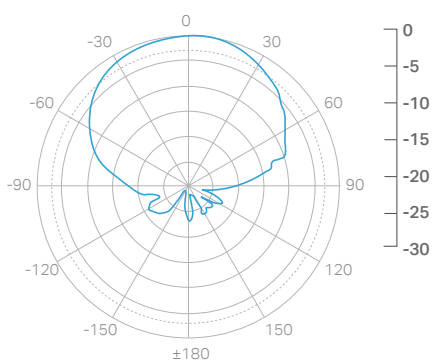
Specifications

	TL-ANT2415MS
Frequency Range	2.3 - 2.7GHz
Gain*	15dBi
VSWR	1.8 Max
HPOL Beamwidth	120°(6dB) & 90°(3dB)
VPOL Beamwidth	120°(6dB) & 90°(3dB)
Elevation Beamwidth	8°
Electrical Downtilt	0°
F/B Ratio	25dB Min
Impedance	50Ω
Interfaces	RP-SMA Female
Polarization	Vertical & Horizontal
Mounting	Pole Mount
Survival Wind Speed	241km/h
Standards	RoHS, WEEE

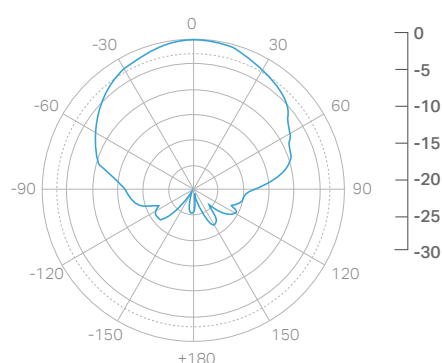
*Exclude Cable Loss

Radiation patterns

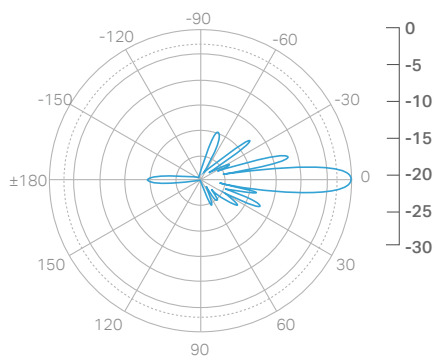
Horizontal Azimuth



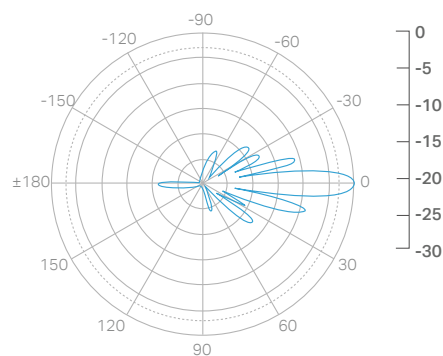
Vertical Azimuth



Horizontal Elevation



Vertical Elevation



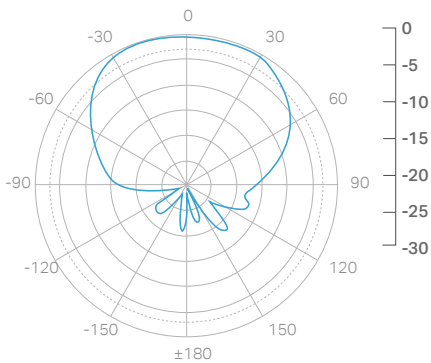
Specifications

	TL-ANT5819MS
Frequency Range	5.0 - 6.0GHz
Gain*	19dBi
VSWR	1.8 Max
HPOL Beamwidth	120°(6dB) & 90°(3dB)
VPOL Beamwidth	120°(6dB) & 90°(3dB)
Elevation Beamwidth	4°
Electrical Downtilt	0°
F/B Ratio	28dB Min
Impedance	50Ω
Interfaces	RP-SMA Female
Polarization	Vertical & Horizontal
Mounting	Pole Mount
Survival Wind Speed	241km/h
Standards	RoHS, WEEE

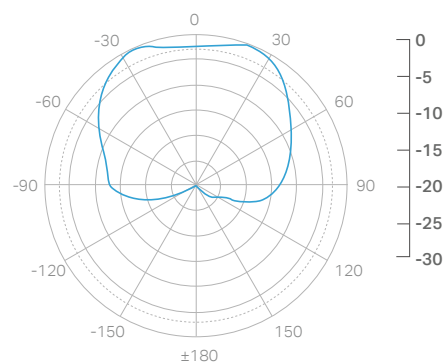
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Radiation patterns

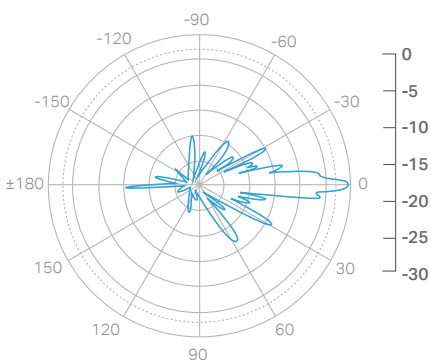
Horizontal Azimuth



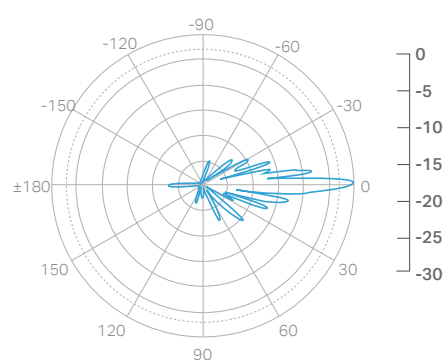
Vertical Azimuth



Horizontal Elevation



Vertical Elevation



Ordering Information

Ideal to use with



- 5GHz 300Mbps Outdoor Wireless Base Station WBS510



- 2.4GHz 300Mbps Outdoor Wireless Base Station WBS210

Related Products



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



- 5GHz 30dBi/2.4GHz 24dBi 2x2 MIMO Dish Antenna TL-ANT5830MD/TL-ANT2424MD

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