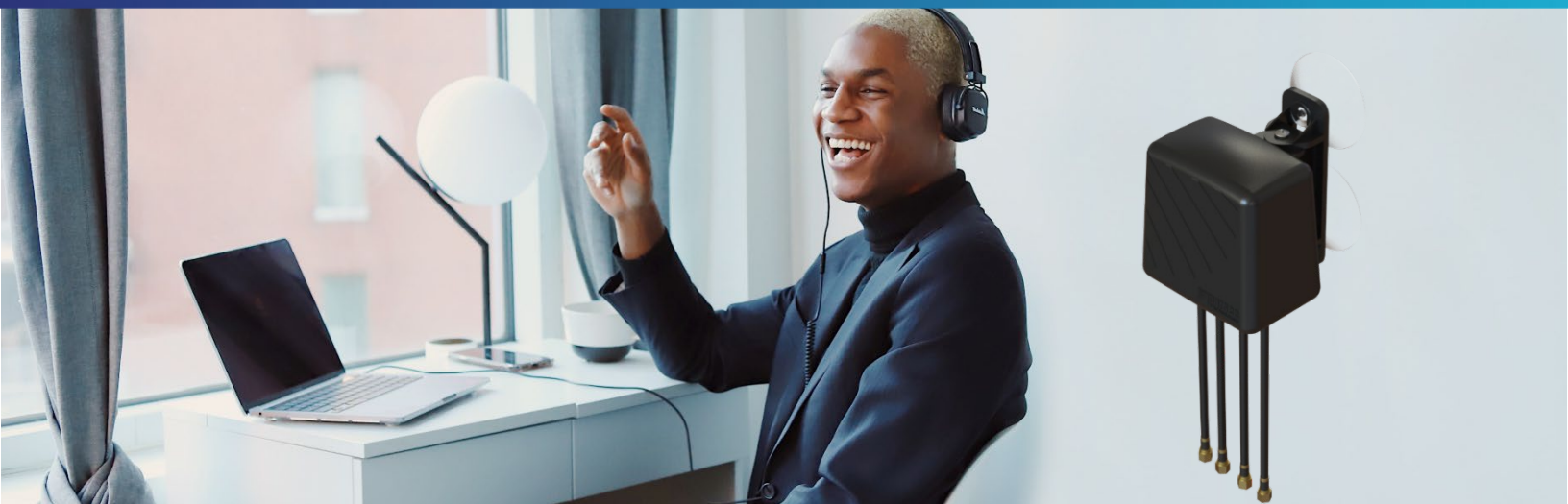




The Condor XL PTA series is a 2x2 MIMO PLTE, 2X2 MIMO Wi-Fi, directional enterprise antenna that supports CBRS frequencies. This antenna is perfect to provide connectivity for smart homes and educational establishments.

This PTA series has suction cups that allows the antenna to be mounted indoors on a window for maximum gain. The Condor XL swivels at a 40 degree rotation with a 75 degree beamwidth giving you the maximum exposure to tune towards access points.

Patent Pending



Configurations 4:1

CBRS | Fixed Wireless | Remote K-12 | PLTE | Remote Video Monitoring

Low Interference

Directional to Block out Interference

High Data Speeds

CBRS Design with High Gain

Window Mount

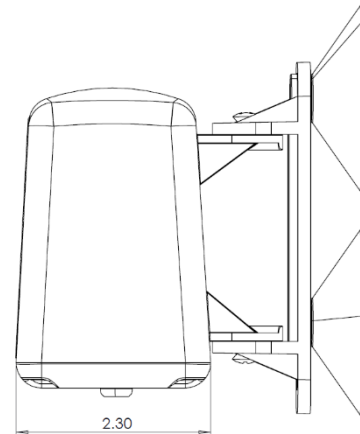
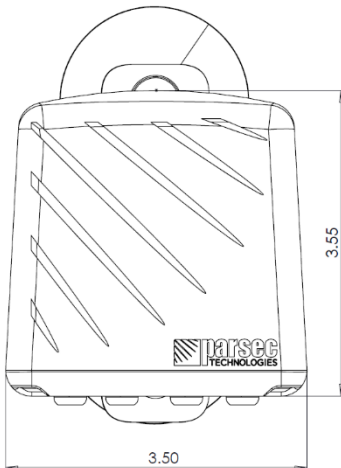
Suction Cups to Mount on Glass

- 2X2 MIMO PLTE
- 2X2 MIMO WI-FI
- DIRECTIONAL
- CBRS
- 3400-4000 MHz
- 3.45 in X 3.60 in X 3.32 in

Specifications

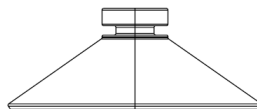
Frequencies			
CBRS	3400-4000 MHz	Wi-Fi	2400-2483.5 MHz 4900-5900 MHz
4G/5G Bands			
North America	B48 n48, n77		
EMEA	B42, B43 n77, n78		
Mechanical		Environmental	
Dimensions	3.45 inch X 3.60 inch X 3.32 inch	Operating Temperature	-30 °C to 85°C OR -22 °F to 180°F
Mounting	Suction Cup and Bracket	Ingress Protection	Indoor
RF Cable Length	6 ft		

Dimensions



Hardware Accessories Included

PTA0508



Product Images



Electrical Specifications

ID & Unit	Port	Parameters	Typ.
Radiated Efficiency (%)	PLTE 1, 2	3400-3550 MHz	80
	PLTE 1, 2	3550-4000 MHz	75
	Wi-Fi 1, 2	2400-2483.5 MHz	60
	Wi-Fi 1, 2	4900-5900 MHz	70
Peak Gain (dBi)	PLTE 1, 2	3400-3550 MHz	6
	PLTE 1, 2	3550-4000 MHz	5.5
	Wi-Fi 1, 2	2400-2483.5 MHz	5
	Wi-Fi 1, 2	4900-5900 MHz	5
Return Loss 50Ω (dB)	PLTE 1, 2	3400-4000 MHz	12
	Wi-Fi 1, 2	2400-2483.5 MHz	11
	Wi-Fi 1, 2	4900-5900 MHz	8
Isolation (dB)	PLTE 1, 2	3400-4000 MHz	25
	Wi-Fi 1, 2	2400-2483.5 MHz	8
	Wi-Fi 1, 2	4900-5900 MHz	25
Polarization (dBi)	PLTE, Wi-Fi		Linear +/-45 Deg
Beamwidth (Deg.)	PLTE 1, 2	3400-3550 MHz	75
	PLTE 1, 2	3550-4000 MHz	80
	Wi-Fi 1, 2	2400-2483.5 MHz	70
	Wi-Fi 1, 2	4900-5900 MHz	90
Front to Back Ratio	PLTE 1, 2	3400-4000 MHz	19
	Wi-Fi 1, 2	2400-2483.5 MHz	10
	Wi-Fi 1, 2	4900-5900 MHz	11

Max Input Power (Watts)	PLTE, Wi-Fi		10
RF Connectors	PLTE Wi-Fi		SMA(M) RPSMA(M)
RF Cable Type	PLTE, Wi-Fi		LSR200
- Isolation, return loss, and peak gain does not include cable loss. - Performance will be severely degraded if the antenna is mounted over metal objects. - SMA connectors have a max torque of 3-5 inch lbs. - NF connectors have a max torque of 6.2-9.7 inch lbs. - Parsec is currently phasing out inventory with LTE on our Cellular cables (now labeled CELL). For cables labeled LTE, please refer port "CELL" in the data sheets and installation instructions.			

Part Number Key

Part number example of a 4:1 Condor XL antenna, black: PTA4CNX2C2W06B

Description	Abbreviation	Part Number
All PTA Series	PTA	PTA
Number of Antennas in Housing/Configuration	4:1	PTA4
Antenna Abbreviation for Condor XL	CNX	PTA4CNX
Number of CBRS Elements	#C	PTA4CNX2C
Number of Wi-Fi Elements	#W	PTA4CNX2C2W
Cable Length Measured in Feet: 06=6', 08=8'	06, 08, etc.,	PTA4CNX2C2W06
Radome Color - B for Black	B	PTA4CNX2C2W06B
If SMA Connector, Simply Leave Blank		PTA4CNX2C2W06B
Custom connectors and cable kits are available. Please contact us for more information at sales@parsec-t.com .		

Ordering

Standard Antennas

Configurations	Part Number	Description
4:1	PTA4CNX2C2W06B	2 Cellular, 2 Wi-Fi, 6 ft Cable, Black

Non-Standard Antennas

Configurations	Part Number	Description
4:1	PTA4CNX2C2W08B	2 Cellular, 2 Wi-Fi, 8 ft Cable, Black



Parsec Antennas
972-804-4600
support@parsec-t.com