



The Condor PTA series is a high gain directional antenna that is designed for CBRS. This compact antenna is a cost-effective solution for private network based remote learning with easy install.

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

Patent Pending



Configurations 2:1

Fixed Wireless | Remote K-12 | CBRS & PLTE | Window Mount

Low Interference

Directional to Block out Interference

High Data Speeds

CBRS design with High Gain

Window Mount

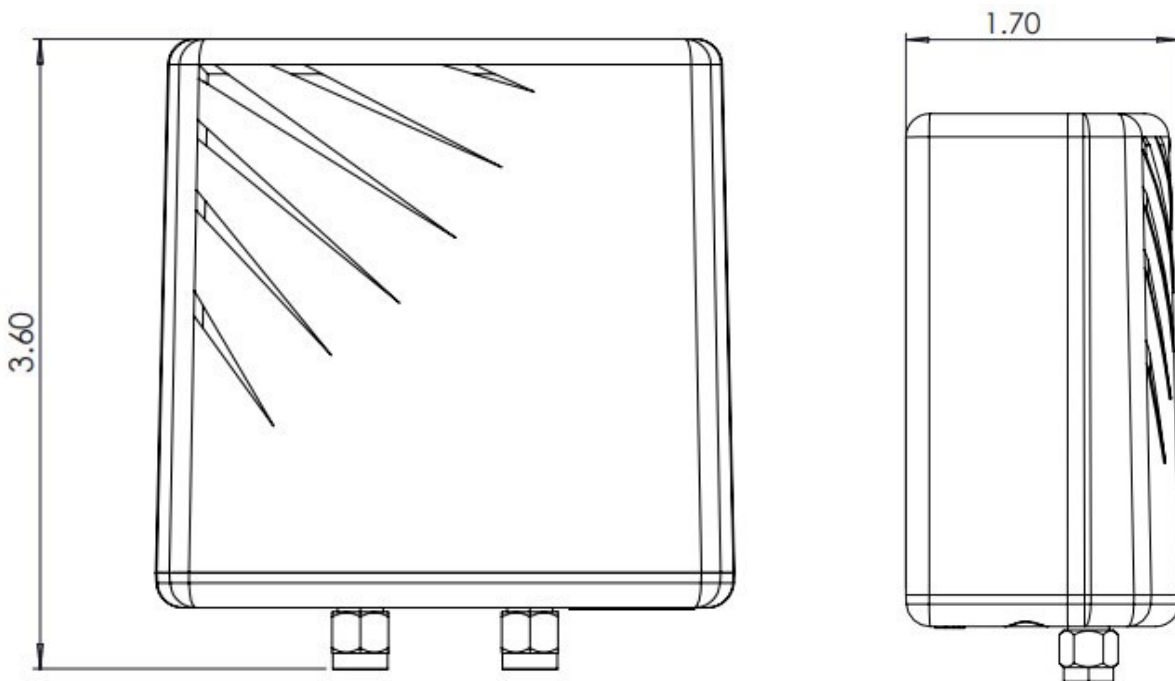
Suction Cups to Mount on Glass

- 2x2 MIMO PLTE
- DIRECTIONAL
- CBRS
- 3400-4000 MHz
- 3.6 in X 1.70 in

Specifications

Frequencies			
CBRS		3400-4000 MHz	
4G/5G Bands			
North America	B48 n48, n77		
EMEA	B42, B43 n77, n78		
Mechanical		Environmental	
Dimension	3.23 inch x 3.60 inch x 1.70 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



Product Images



Electrical Specifications

ID & Unit	Port	Parameters	Typ.
Radiated Efficiency (%)	PLTE 1, 2	3400-3550 MHz	80
		3550-4000 MHz	75
Peak Gain (dBi)	PLTE 1, 2	3400-3550 MHz	6
		3550-4000 MHz	5.5
Return Loss 50Ω (dB)	PLTE 1, 2	3400-4000 MHz	12
Isolation (dB)	PLTE 1, 2	3400-4000 MHz	30
Polarization (dBi)	PLTE 1, 2	3400-4000 MHz	Linear +/-45 Deg
Beamwidth (Deg)		3400-3550 MHz	75
		3550-4000 MHz	80
Front to Back Ratio (dB)	PLTE 1, 2	3400-4000 MHz	17
Max Input Power (Watts)	PLTE 1, 2	3400-4000 MHz	10
RF Connectors	PLTE		SMA(M)
RF Cable Type	PLTE		LSR200
<ul style="list-style-type: none"> Isolation, return loss, and peak gain does not include cable loss. 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 2:1 Condor antenna, black: PTA2CN2C08B

Description	Abbreviation	Part Number
All PTA Series	PTA	PTA
Number of Antennas in Housing/Configuration	2:1	2:1
Antenna Abbreviation for Condor	CN	PTA2CN
Number of PLTE Elements	C	PTA2CN2C
Cable Length Measured in Feet: 06=6', 08=18'	06, 08, etc.,	PTA2CN2C08
Radome Color - B for Black	B	PTA2CN2C08B
If SMA Connector, Simply Leave Blank		PTA2CN2C08B
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
2:1	PTA2CN2C06B	2 Private LTE, 6 ft Cable, Black

Non-Standard Antennas

Configurations	Part Number	Description
2:1	PTA2CN2C08B	2 Private LTE, 8 ft Cable, Black

Additional Hardware Accessories

Accessory	Part Number
Lightning Arrestor - SMA(F) to SMA(F)	PTA0476
Lightning Arrestor - N(F) to N(M)	PTA0736
SMA Wrench, Key Chain	PTA0194
Service: Cable Sleeving (Priced Per Ft)	Cable Sleeving



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