

The Falcon series antenna is a 5G antenna with 2X2 MIMO cellular, omni-directional, window/ wall mount or countertop stand mount. Created to make working from home and remote learning a breeze with access to high performance of 600 MHz to 6 GHz 4G/5G frequencies.

This compact, indoor antenna brings high speed data in an easy install solution. Compatible with most routers and hotspot devices.

Patent Pending



1st  
to  
**5G**



## Configurations 2:1

Fixed Wireless | Home Network | Remote Learning K-12 | Remote Monitoring

### Versatile Mounting

Window, Wall, or Tabletop Mount

### High Data Speeds

High-Capacity Throughput for Streaming

### Indoor

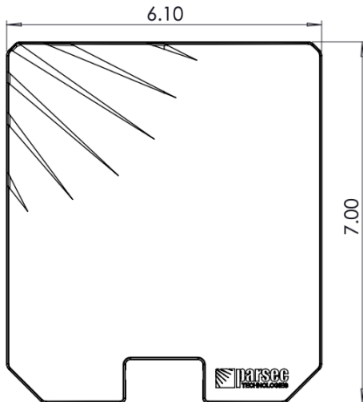
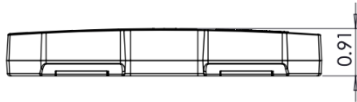
Subtle Design Indoor Antenna

- 2X2 MIMO CELLULAR
- OMNI-DIRECTIONAL
- 600 MHz - 6 GHz
- AESTHETIC DESIGN
- DESK, WALL, OR WINDOW MOUNT
- 6.10 in X 7 in X 0.9 in

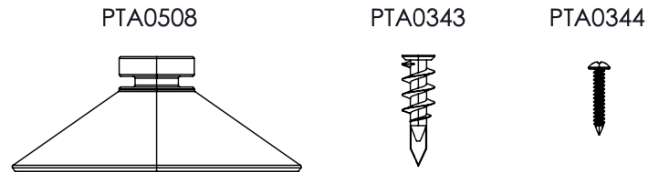
# Specifications

Frequencies			
4G/5G Cellular		617-894 MHz 1710-2700 MHz 3400-4000 MHz 5150-5925 MHz	
North America	B2, B4, B5, B7, B12, B14, B17, B25, B26, B29, B30, B41, B46, B48, B66 n2, n5, n12, n25, n26, n41, n48, n66, n77		
EMEA	B1, B3, B7, B8, B20, B28, B42, B43, B46 n1, n3, n8, n28, n77, n78		
Mechanical		Environmental	
Dimensions	6.10 inch X 7 inch X 0.91 inch	Operating Temperature	-30 °C to 85°C OR -22 °F to 180°F
Mounting	Built in legs, screw mount, or suction cups for window mounting	Ingress Protection	Indoor
RF Cable Length	6 ft		
<ul style="list-style-type: none"> <li>Suctions cups provided for window mounting</li> <li>Screw and anchor provided for wall mounting</li> </ul>			

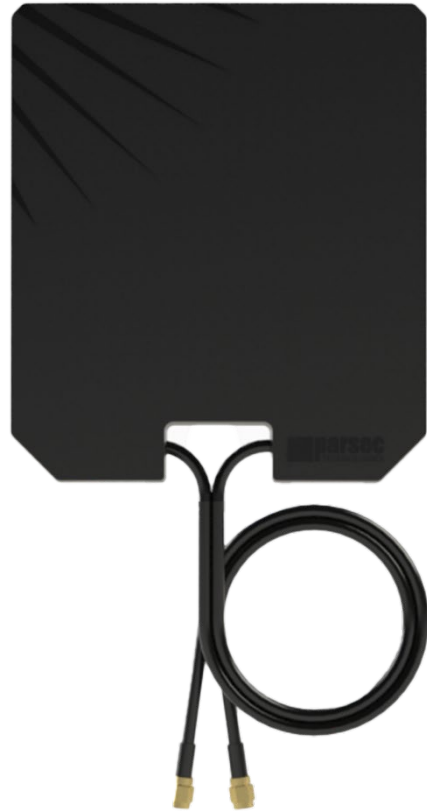
# Dimensions



Hardware Accessories Included



# Product Image



Legs for  
tabletop  
mount



Suction cup  
for window  
mount

## *Electrical Specifications*

ID & Unit	Port	Parameters	Typ.
Radiated Efficiency (%)	CELL 1, 2	617-894 MHz	70
	CELL 1, 2	1710-2700 MHz	60
	CELL 1, 2	3400-4000 MHz	50
	CELL 1, 2	5150-5925 MHz	50
Peak Gain (dBi)	CELL 1, 2	617-894 MHz	2.5
	CELL 1, 2	1710-2700 MHz	2
	CELL 1, 2	3400-4000 MHz	4
	CELL 1, 2	5150-5925 MHz	4
Return Loss 50Ω (dB)	CELL 1, 2	617-894 MHz	6
	CELL 1, 2	1710-2700 MHz	6
	CELL 1, 2	3400-4000 MHz	5
	CELL 1, 2	5150-5925 MHz	9
Isolation (dB)	CELL 1, 2	617-894 MHz	10
	CELL 1, 2	1710-2700 MHz	10
	CELL 1, 2	3400-4000 MHz	20
	CELL 1, 2	5150-5925 MHz	20
Polarization (dBi)	CELL		Linear
Max Input Power (Watts)	CELL		5
RF Connectors	CELL		SMA(M) RPSMA(M)
RF Cable Type	CELL		LSR200-UF
<ul style="list-style-type: none"> <li>SMA connectors have a max torque of 3-5 inch lbs.</li> <li>NF connectors have a max torque of 6.2-9.7 inch lbs.</li> <li>Isolation, return loss, and peak gain does not include cable loss.</li> <li>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.</li> </ul>			

## *Part Number Key*

*Part number example of a 2:1 Falcon antenna, black: PTA2F2L06B*

Description	Abbreviation	Part Number
All PTA Series	PTA	PTA
Number of Antennas in Housing/Configuration	2:1	PTA2
Antenna Abbreviation for Falcon	F	PTA2F
Number of CELL Elements	#L	PTA2F2L
Cable Length Measured in Feet: 01=1', 15=15'	01, 15, etc.,	PTA2F2L06
Radome Color - B for Black	B	PTA2F2L06B
If SMA Connector, Simply Leave Blank		PTA2F2L06B

Additional Options		
Protective Case for Net Gear Router *Router not included*	-NG	PTA2F2L06B-NG
Custom connectors and cable kits are available. Please contact us for more information at <a href="mailto:sales@parsec-t.com">sales@parsec-t.com</a> .		

## *Ordering Standard Antennas*

Configs.	Part Number	Description
2:1	PTA2F2L06B	2 Cellular, 6 ft Cable, Black
	PTA2F2L06B-NG	2 Cellular, 6 ft Cable, Black, SMA(M) Black, 2 SMA(F)

## *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



**Parsec Antennas**  
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