



The Greyhound PRO Series is a 4X4 MIMO cellular directional antenna. The Greyhound is designed to maximize C-band for enterprise networks. The Greyhound overcomes low band frequencies and prevents interference while transmitting CBRS frequencies for high-speed enterprise data application.

Provide primary or failover network solutions with the 4x4 MIMO cellular elements in an IP54 rated housing. The Greyhound is optimized for high gain in a directional pattern and excellent port-to-port isolation across mid-band.

Patent Pending



## Configurations 4:1

Fixed Wireless | Remote Learning | Remote Video Monitoring

### Low Interference

Directional to block out interference

### High Data Speeds

C-Band design with high gain

### Longer Distance

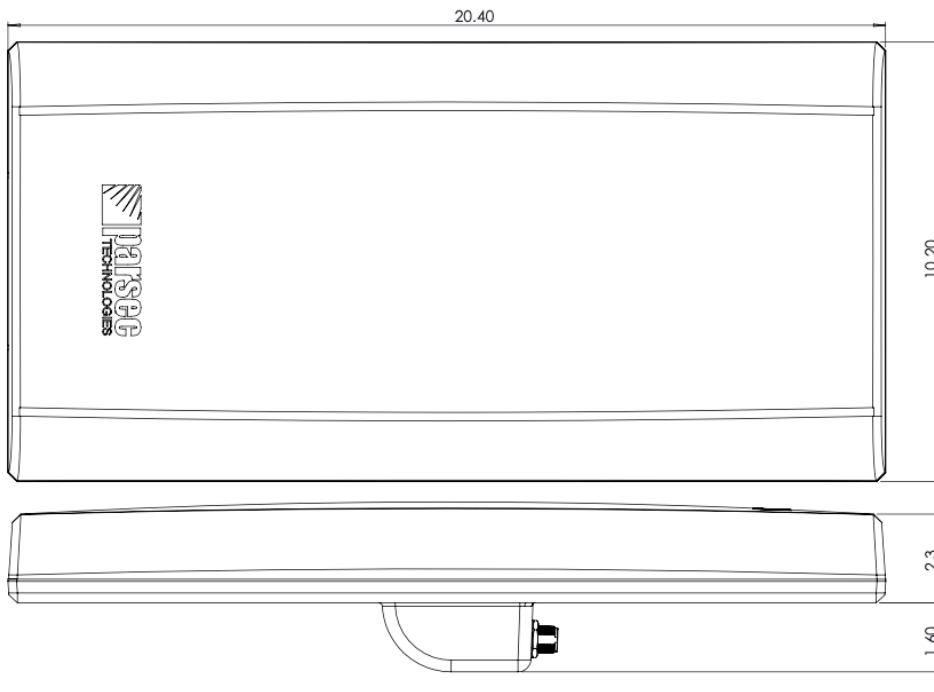
High Gain Up to 15 dBi

- UP TO 4X4 MIMO CELLULAR
- DIRECTIONAL
- 1800-4200 MHz
- HIGH EFFICIENCY
- HIGH PERFORMANCE
- 20.39 in X 10.19 in X 4 in

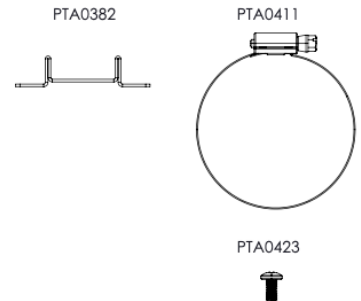
# Specifications

Frequencies			
4G/5G Cellular		1800-4200 MHz	
4G/5G Bands			
North America	B2, B7, B25, B30, B41, B48 n2, n25, n41, n48, n66, n77		
EMEA	B1, B7, B42, B43 n1, n77, n78		
Mechanical		Environmental	
Dimensions	20.4 inch X 10.2 inch X 4 inch	Operating Temperature	-30 °C to 85°C OR -22 °F to 180°F
Mounting	Pole mount for 2.5 - 3.5" inch mast diameter	Ingress Protection	IP54 for Outdoor Use

# Dimensions



## Hardware Accessories



## Product Images



## Electrical Specifications

ID & Unit	Port	Parameters	Typ.
Radiated Efficiency (%)	CELL 1 thru 4	1800-2000 MHz	75
	CELL 1 thru 4	2000-3000 MHz	80
	CELL 1 thru 4	3000-4000 MHz	75
	CELL 1 thru 4	4000-4200 MHz	80
Peak Gain (dBi)	CELL 1 thru 4	1800-2000 MHz	12
	CELL 1 thru 4	2000-2500 MHz	13
	CELL 1 thru 4	2500-3000 MHz	14
	CELL 1 thru 4	3000-4000 MHz	15
	CELL 1 thru 4	4000-4200 MHz	12
Return Loss 50Ω (dB)	CELL 1 thru 4	1800-2000 MHz	9
	CELL 1 thru 4	2000-2500 MHz	11
	CELL 1 thru 4	2500-3000 MHz	13
	CELL 1 thru 4	3000-4200 MHz	12
Isolation (dB)	CELL 1 thru 4	1800-4000 MHz	26
	CELL 1 thru 4	4000-4200 MHz	24
Polarization (dBi)	CELL 1 thru 4		+/-45 Deg.

<b>Beamwidth (Deg.)</b>	CELL 1 thru 4	1800-2000 MHz	40
	CELL 1 thru 4	2000-2500 MHz	35
	CELL 1 thru 4	2500-3000 MHz	32
	CELL 1 thru 4	3000-4000 MHz	27
	CELL 1 thru 4	4000-4200 MHz	24
<b>Front to Back (dB)</b>	CELL 1 thru 4	1800-2000 MHz	17
	CELL 1 thru 4	2000-2500 MHz	23
	CELL 1 thru 4	2500-3000 MHz	26
	CELL 1 thru 4	3000-4000 MHz	13
	CELL 1 thru 4	4000-4200 MHz	8
<b>Max Input Power (Watts)</b>	CELL 1 thru 4	3550-3700 MHz	10
<b>RF Connectors</b>	CELL 1 thru 4		N(F)
<ul style="list-style-type: none"> <li>Isolation, return loss, and peak gain do not include cable loss.</li> <li>SMA connectors have a max torque of 3-5 inch lbs.</li> <li>Type N Brass connector coupling nut: 6.2-9.7 inch lbs.</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 for a 4:1 Greyhound antenna, White: PRO4GH4JW*

Description	Abbreviation	Part Number
All PRO Series	PRO	PRO
Number of Antennas in Housing/Configuration	4:1	PRO4
Antenna Abbreviation for Greyhound	GH	PRO4GH
Number of 1800-4200 MHz Elements	#J	PRO4GH4J
Radome Color: W=White	W	PRO4GH4JW
Additional Options		
N Type Female Connector	-NF	PRO4GH4JW-NF
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

*Our Greyhound antennas come in white with N Type Female connectors and no cable kits.*

*An LSR240 or LSR400 cable kit with N Type Male connectors is required to connect.*

Configurations	Part Number	Description
<b>4:1</b>	PRO4GH4JW-NF	4 [1.8 – 4.2 GHz] Elements, White, N(F) Connectors
<ul style="list-style-type: none"> <li>The acronym "J" implicates 1800-4200 MHz</li> <li>N Type connectors are recommended for outdoor usage due to it being waterproof.</li> <li>N Type is also best used for cable runs longer than 25 ft due to it being a stronger connection.</li> </ul>		

## Hardware Accessories

Accessory	Part Number
Pole Mount Kit	PTA0532
Lightning Arrester – SMA(F) to SMA(F)	PTA0476
Lightning Arrester – N(F) to N(M)	PTA0736
SMA Wrench, Key Chain	PTA0194
Service: Cable Sleeving (Priced Per Ft)	Cable Sleeving

Lightning Arrester – N(F) to N(M)



Lightning Arrester – SMA(F) to SMA(F)



Parsec Antennas  
972-804-4600  
[support@parsec-t.com](mailto:support@parsec-t.com)