



The Great Dane PRO series is the newest innovation of our original Great Dane design. Deploy this 2X2 MIMO cellular, omni-directional antenna on any rooftop pole mount for a high performance, double SISO upgrade. Enhanced with our patented 5G antenna technology, the Great Dane PRO is ideal for maintaining a 2X2 configuration. When consistent connectivity is crucial, the Great Dane PRO has you covered.

This PRO series IP67 rated antenna is perfect for pole or mast mounted rooftop applications.

Patent Pending



Configurations 2:1

Enterprise Level 5G | Fixed Wireless | Primary or Failover



Low Interference

Designed with High Isolation

Consistent Coverage

Coverage Long Distance from Cell Tower

Durable

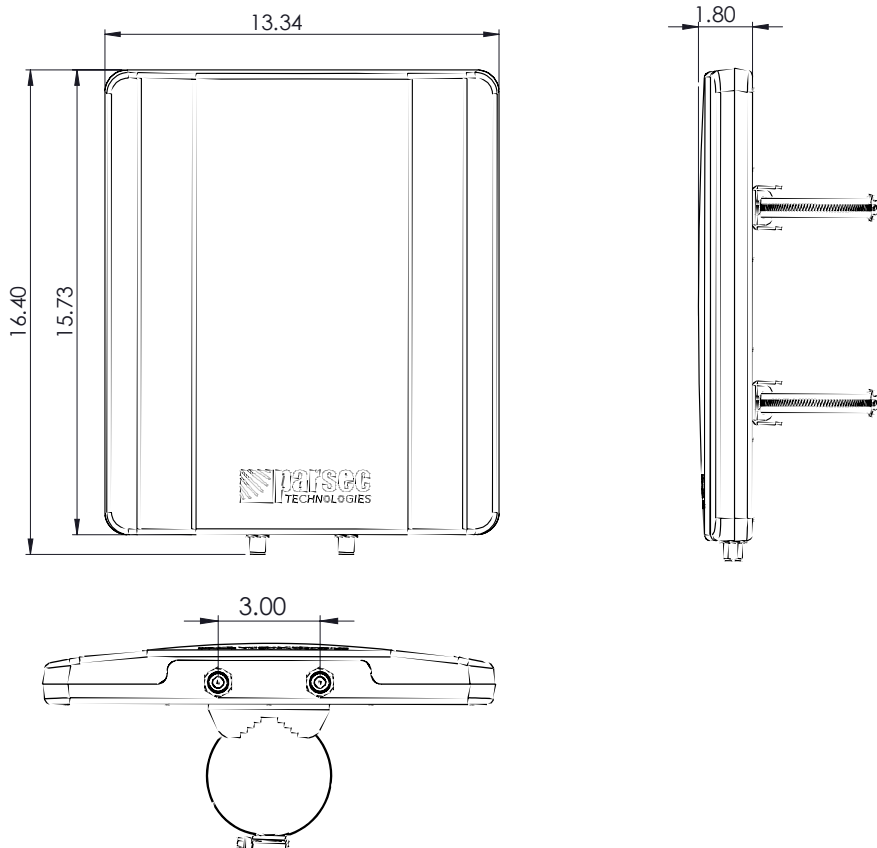
IP67 Rated for Outdoor Use

- 2X2 MIMO CELLULAR
- OMNI-DIRECTIONAL
- ROOFTOP INSTALLATION
- 600 MHz – 6 GHz
- 16.40 in X 13.34 in X 1.80 in

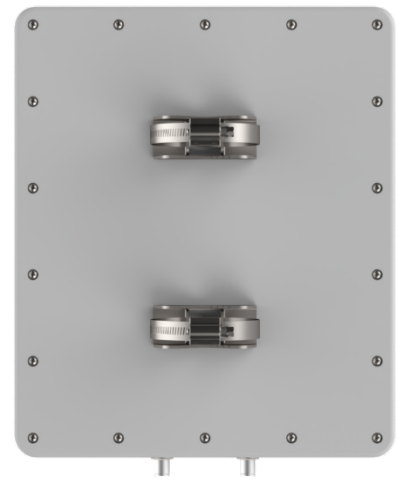
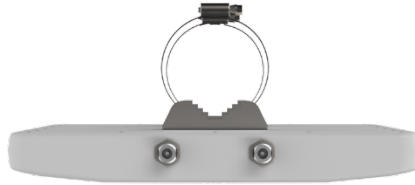
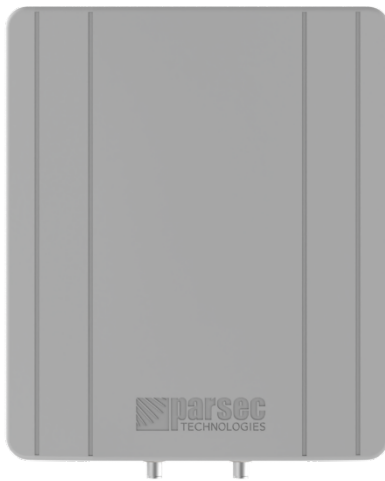
Specifications

Frequencies			
4G/5G Cellular		617-894 MHz 1710-2700 MHz 3300-4000 MHz 4600-5925 MHz	
4G/5G Bands			
North America	B2, B4, B5, B7, B12, B14, B17, B25, B26, B29, B30, B41, B46, B48, B66, B71 n2, n5, n12, n25, n26, n41, n48, n66, n71, n77		
EMEA	B1, B3, B7, B20, B28, B42, B43, B46 n1, n3, n28, n77, n78		
Mechanical		Environmental	
Dimensions	16.40 in X 13.34 in X 1.80 inch thickness excluding mounting hardware	Operating Temperature	-30 °C to 85°C OR -22 °F to 180°F
Mounting	Two worm drive clamps with related brackets for 1.5 to 2 inch diameter pole	Ingress Protection	IP67

Dimensions



Product Images



Electrical Specifications

ID & Unit	Port	Parameters	Typ.
Radiated Efficiency (%)	CELL 1, 2	617 – 663 MHz	70
	CELL 1, 2	663 – 698 MHz	80
	CELL 1, 2	698 – 798 MHz	85
	CELL 1, 2	798 – 894 MHz	70
	CELL 1, 2	1710 – 2700 MHz	75
	CELL 1, 2	3300 – 4000 MHz	70
	CELL 1, 2	4600 -5250 MHz	55
	CELL 1, 2	5250 – 5925 MHz	30
Peak Gain (dBi)	CELL 1, 2	617 – 663 MHz	5
	CELL 1, 2	663 – 698 MHz	6
	CELL 1, 2	698 – 798 MHz	6
	CELL 1, 2	798 – 894 MHz	5
	CELL 1, 2	1710 – 2700 MHz	7
	CELL 1, 2	3300 – 4000 MHz	8
	CELL 1, 2	4600 -5250 MHz	8
	CELL 1, 2	5250 – 5925 MHz	6
Return Loss 50Ω (dB)	CELL 1, 2	617 – 663 MHz	5
	CELL 1, 2	663 – 698 MHz	7
	CELL 1, 2	698 – 798 MHz	10
	CELL 1, 2	798 – 894 MHz	5
	CELL 1, 2	1710 – 2700 MHz	10
	CELL 1, 2	3300 – 4000 MHz	11
	CELL 1, 2	4600 -5250 MHz	7
	CELL 1, 2		

	CELL 1, 2	5250 – 5925 MHz	4
Isolation (dB)	CELL	617 – 698 MHz	19
	CELL	698 – 798 MHz	24
	CELL	798 – 894 MHz	27
	CELL	1710 – 2700 MHz	27
	CELL	3300 – 4000 MHz	28
	CELL	4600 – 5250 MHz	32
	CELL	5250 – 5925 MHz	40
Polarization (dBi)	CELL		Linear
Max Input Power (Watts)	CELL		10
RF Connectors	CELL		N(F)
- Electrical specification uses an antenna mounted on a 1.5 inch diameter pole. - Performance will be degraded if the antenna is mounted close to metal surfaces other than the mounting pole. - 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.			

Part Number Key

Part number example of a 2:1 Great Dane antenna: PRO2GD2LW-NF

Description	Abbreviation	Part Number
All PRO Series	PRO	PRO
Antenna Abbreviation for Great Dane	GD	PRO2GD
Number of CELL Elements	#L	PRO2GD2L
Radome Color - W for White	W	PRO2GD2LW
N Type Female Connector	-NF	PRO2GD2LW-NF
Custom connectors and cable kits are available. Please contact us for more information at sales@parsec-t.com .		

Ordering

Configurations	Part Number	Description
2:1	PRO2GD2LW-NF	2 Cellular, White, N Type Female

Cable Kits

Kits	Part Number
LSR400 25' Cable Kit, 2 Cellular, N-type Male Connectors	PC4002L25NM
LSR400 50' Cable Kit, 2 Cellular, N-type Male Connectors	PC4002L50NM
LSR400 75' Cable Kit, 2 Cellular, N-type Male Connectors	PC4002L75NM
LSR400 100' Cable Kit, 2 Cellular, N-type Male Connectors	PC4002L100NM
1' jumper cable, N-type Female to SMA Male Connectors (2 Required per antenna)	LMR19512

Additional Hardware Accessories

<i>Accessory</i>	<i>Part Number</i>
Lightning Arrestor – SMA(F) to SMA(F)	PTA0476
Lightning Arrestor – N(F) to N(M)	PTA0736
SMA Wrench, Key Chain	PTA0194



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