



Ideal for

- FirstNet/First Responders
- Transportation/Fleet
- Remote Video Monitoring
- Fixed Wireless

Husky PRO Series



- 4X4 MIMO LTE
- 8X8 MIMO WIFI
- GNSS
- IP67 RATED

Features

- 5G
- CAT 18
- 600 MHz – 6 GHz*
- HIGH EFFICIENCY
- HIGH PERFORMANCE

*See inside for details



Product Description

The Husky Series antennas are high performance, 5G, CAT18 (600MHz - 6GHz) antennas, available with 4X4 MIMO LTE, 8X8 MIMO WIFI, and GPS.

The Husky Series are rugged, high-performance, IP67 rated antennas.

Patent pending.



Frequency Ranges

LTE Frequency Range

617 - 894 MHz
 1710 - 2700 MHz
 3400 - 3800 MHz
 5150 - 5925 MHz

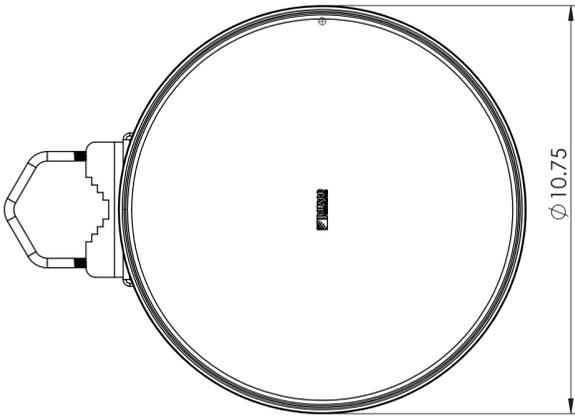
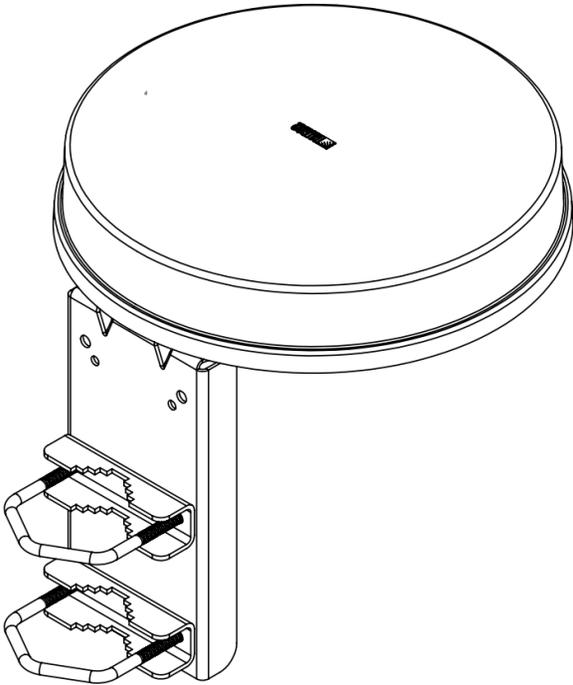
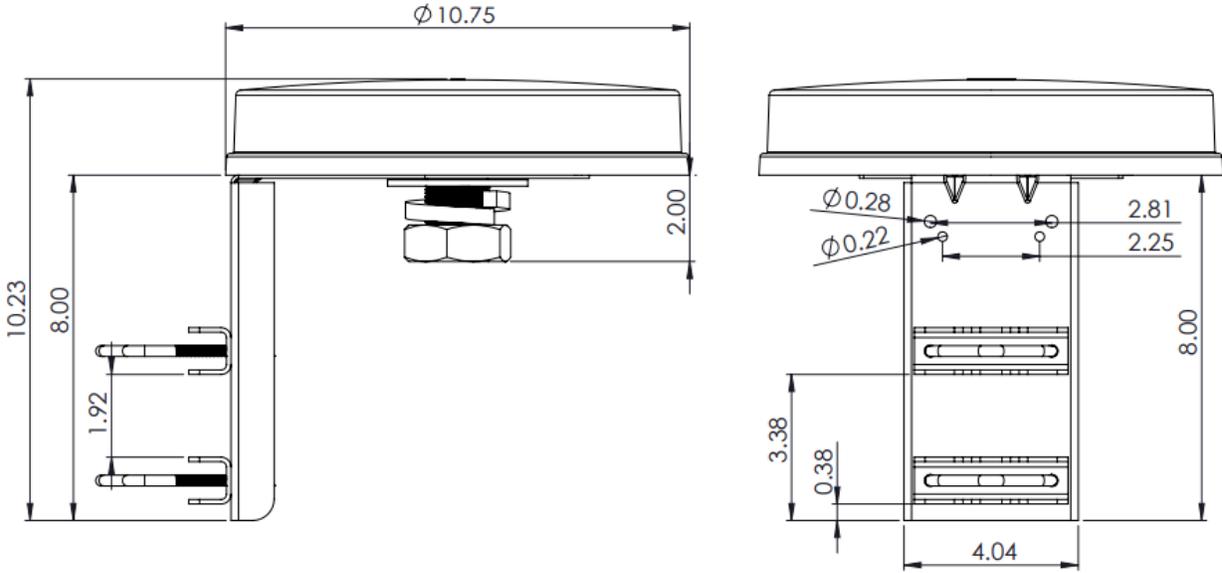
WiFi Frequency Range

2400 - 2483.5 MHz
 4900 - 5900 MHz

LTE Bands (US Carriers)

AT&T	2, 4, 5, 14, 17, 29, 30, 46, 48, 66
Verizon	2, 4, 5, 13, 46, 48, 66
T-Mobile	2, 4, 12, 46, 48, 66, 71
Sprint	2, 25, 26, 41, 46, 48
Mechanical	
Dimensions	10.75 inch diameter x 2.23 inch height, 5.34 inch height with optional magnetic mount
Mounting Hole	Single 1.5 inch
Environmental	
Operating Temperature	-40°C to 85°C
Ingress Protection	IP67 waterproof

Product Dimensions



Electrical Specifications

ID	Port	Parameters	Units	Typ.
Radiated Efficiency	LTE-1,2,3,4	617 – 894 MHz		85
	LTE-1,2,3,4	1710 – 2700 MHz		85
	LTE-1,2,3,4	3400 – 3800 MHz		60
	LTE-1,2,3,4	5150 – 5925 MHz	%	60
	GPS	1575.42 MHz		80
	WiFi-1 thru 6	2400 – 2483.5 MHz		70
	WiFi-1 thru 6	4900 – 5900 MHz		70
Peak Gain	LTE-1,2,3,4	617 – 894 MHz		5
	LTE-1,2,3,4	1710 – 2700 MHz		6
	LTE-1,2,3,4	3400 – 3800 MHz		5
	LTE-1,2,3,4	5150 – 5925 MHz	dBi	8
	GPS	1575.42 MHz		6
	WiFi-1 thru 6	2400 – 2483.5 MHz		5
	WiFi-1 thru 6	4900 – 5900 MHz		6
Return Loss (50 Ω)	LTE-1,2,3,4	617 – 894 MHz		8
	LTE-1,2,3,4	1710 – 2700 MHz		11
	LTE-1,2,3,4	3400 – 3800 MHz		10
	LTE-1,2,3,4	5150 – 5925 MHz	dB	6
	GPS	1575.42 MHz		12
	WiFi-1 thru 6	2400 – 2483.5 MHz		10.5
	WiFi-1 thru 6	4900 – 5900 MHz		6.5

Electrical Specifications (Continued)

ID	Port	Parameters	Units	Typ.
Isolation	LTE	617 – 894 MHz		11
	LTE	1710 – 2700 MHz		19
	LTE	3400 – 3800 MHz		25
	LTE	5150 – 5925 MHz	dB	21
	WiFi-MIMO	2400 – 2483.5 MHz		18
	WiFi-MIMO	4900 – 5900 MHz		22
	WiFi-adjacent	2400 – 2483.5 MHz		15
	WiFi-adjacent	4900 – 5900 MHz		18
Polarization	LTE, WiFi		dBi	Linear
	GPS			RHCP
Max Input Power	LTE, WiFi		Watts	10
GNSS Preamp Gain	GPS		dB	28
GNSS Preamp Voltage	GPS		V	2.2 to 5.0
RF Connectors	LTE, GPS			SMA(M)
	WiFi			RP-SMA
RF Cable Type	LTE, WiFi			LSR200
	GPS			LSR100

Notes:

1. Electrical specifications based on antenna with a 2 ft. x 2 ft. external ground plane.
2. Isolation and return loss does not include cable loss.
3. WiFi-MIMO isolation is the isolation between elements grouped for MIMO for one modem.
4. WiFi-adjacent isolation between adjacent elements is the isolation between elements for separate modems.

Ordering

Standard Antennas

Configurations	Part Number	Description
4:1	PRO4H4L01B-NF	4 LTE, 1ft Cable, Black, N type Female
	PRO4H4L15B	4 LTE, 15ft cable, Black
5:1	PRO5H4LG01B	4 LTE, 1 GPS, 1ft cable, Black
	PRO5H4LG01B-NF	4 LTE, 1 GPS, 1ft cable, Black, N type Female
	PRO5H4LG15B	4 LTE, 1 GPS, 15ft cable, Black
9:1	PRO9H4L4WG15B	4 LTE, 4 WiFi, 1 GPS, 15ft cable, Black
11:1	PRO11H4L6WG15B	4 LTE, 6 WiFi, 1 GPS, 15ft cable, Black

Non-Standard Antennas

Configurations	Part Number	Description
4:1	PRO4H4L01B	4 LTE, 1ft cable, Black
	PRO4H4L05B	4 LTE, 5ft cable, Black
	PRO4H4L01BM	4 LTE, 1ft cable, Black, Magnetic Mount
	PRO4H4L01B-NM	4 LTE, 1ft cable, Black, N type Male
	PRO4H4L01W	4 LTE, 1ft cable, White
	PRO4H4L01W-NF	4 LTE, 1ft cable, White, N type Female
	PRO4H4L01W-NM	4 LTE, 1ft cable, White, N type Male
	PRO4H4L15B-NF	4 LTE, 15ft cable, Black, N type Female
	PRO4H4L15BM	4 LTE, 15ft cable, Black, Magnetic Mount
	PRO4H4L15W	4 LTE, 15ft cable, White
PRO4H4L15WM	4 LTE, 15ft cable, White, Magnetic Mount	
5:1	PRO5H4LG01B-NM	4 LTE, 1 GPS, 1ft cable, Black, N type Male
	PRO5H4LG01W	4 LTE, 1 GPS, 1ft cable, White
	PRO5H4LG01W-NF	4 LTE, 1 GPS, 1ft cable, White, N type Female
	PRO5H4LG01W-NM	4 LTE, 1 GPS, 1ft cable, White, N type Male
	PRO5H4LG15BM	4 LTE, 1 GPS, 15ft cable, Black, Magnetic Mount
	PRO5H4LG15W	4 LTE, 1 GPS, 15ft cable, White
PRO5H4LG15WM	4 LTE, 1 GPS, 15ft cable, White, Magnetic Mount	
7:1	PRO7H2L4WG01B	2 LTE, 4 WiFi, 1 GPS, 1ft cable, Black
	PRO7H2L4WG01B-NF	2 LTE, 4 WiFi, 1 GPS, 1ft cable, Black, N type Female
	PRO7H2L4WG01B-NM	2 LTE, 4 WiFi, 1 GPS, 1ft cable, Black, N type Male
	PRO7H2L4WG01W	2 LTE, 4 WiFi, 1 GPS, 1ft cable, White
	PRO7H2L4WG01W-NF	2 LTE, 4 WiFi, 1 GPS, 1ft cable, N type Female
	PRO7H2L4WG01W-NM	2 LTE, 4 WiFi, 1 GPS, 1ft cable, N type Male
	PRO7H2L4WG15B	2 LTE, 4 WiFi, 1 GPS, 15ft cable, Black

Ordering

Non-Standard Antennas

(continued)

Configurations	Part Number	Description
7:1	PRO7H2L4WG15BM	2 LTE, 4 WiFi, 1 GPS, 15ft cable, Black, Magnetic Mount
	PRO7H2L4WG15W	2 LTE, 4 WiFi, 1 GPS, 15ft cable, White
	PRO7H2L4WG15WM	2 LTE, 4 WiFi, 1 GPS, 15ft cable, White, Magnetic Mount
	PRO7H4L2WG01B	4 LTE, 2 WiFi, 1 GPS, 1ft cable, Black
	PRO7H4L2WG05B	4 LTE, 2 WiFi, 1 GPS, 5ft cable, Black
	PRO7H4L2WG01B-NF	4 LTE, 2 WiFi, 1 GPS, 1ft cable, Black, N type Female
	PRO7H4L2WG01B-NM	4 LTE, 2 WiFi, 1 GPS, 1ft cable, Black, N type Male
	PRO7H4L2WG01W	4 LTE, 2 WiFi, 1 GPS, 1ft cable, White
	PRO7H4L2WG01W-NF	4 LTE, 2 WiFi, 1 GPS, 1ft cable, White, N type Female
	PRO7H4L2WG01W-NM	4 LTE, 2 WiFi, 1 GPS, 1ft cable, White, N type Male
	PRO7H4L2WG15B	4 LTE, 2 WiFi, 1 GPS, 15ft cable, Black
	PRO7H4L2WG15BM	4 LTE, 2 WiFi, 1 GPS, 15ft cable, Black, Magnetic Mount
	PRO7H4L2WG15W	4 LTE, 2 WiFi, 1 GPS, 15ft cable, White
	PRO7H4L2WG15WM	4 LTE, 2 WiFi, 1 GPS, 15ft cable, White, Magnetic Mount
9:1	PRO9H2L6WG15B	2 LTE, 6 WiFi, 1 GPS, 15ft cable, Black
	PRO9H4L4WG01B	4 LTE, 4 WiFi, 1 GPS, 1ft cable, Black
	PRO9H4L4WG01B-NF	4 LTE, 4 WiFi, 1 GPS, 1ft cable, Black, N type Female
	PRO9H4L4WG01B-NM	4 LTE, 4 WiFi, 1 GPS, 1ft cable, Black, N type Male
	PRO9H4L4WG01W	4 LTE, 4 WiFi, 1 GPS, 1ft cable, White
	PRO9H4L4WG01W-NF	4 LTE, 4 WiFi, 1 GPS, 1ft cable, White, N type Female
	PRO9H4L4WG01W-NM	4 LTE, 4 WiFi, 1 GPS, 1ft cable, White, N type Male
	PRO9H4L4WG15BM	4 LTE, 4 WiFi, 1 GPS, 15ft cable, Black, Magnetic Mount
	PRO9H4L4WG15W	4 LTE, 4 WiFi, 1 GPS, 15ft cable, White
PRO9H4L4WG15WM	4 LTE, 4 WiFi, 1 GPS, 15ft cable, White, Magnetic Mount	
11:1	PRO11H4L6WG01B	4 LTE, 6 WiFi, 1 GPS, 1ft cable, Black
	PRO11H4L6WG01B-NF	4 LTE, 6 WiFi, 1 GPS, 1ft cable, Black, N type Female
	PRO11H4L6WG01B-NM	4 LTE, 6 WiFi, 1 GPS, 1ft cable, Black, N type Male
	PRO11H4L6WG01W	4 LTE, 6 WiFi, 1 GPS, 1ft cable, White
	PRO11H4L6WG01W-NF	4 LTE, 6 WiFi, 1 GPS, 1ft cable, White, N type Female
	PRO11H4L6WG01W-NM	4 LTE, 6 WiFi, 1 GPS, 1ft cable, White, N type Male
	PRO11H4L6WG15BM	4 LTE, 6 WiFi, 1 GPS, 15ft cable, Black, Magnetic Mount
	PRO11H4L6WG15W	4 LTE, 6 WiFi, 1 GPS, 15ft cable, White
PRO11H4L6WG15WM	4 LTE, 6 WiFi, 1 GPS, 15ft cable, White, Magnetic Mount	

Hardware Accessories

Accessory	Part Number
Pole-mount bracket - Husky cut out (makes antenna a fixed application)	PTA0149H

Part Number Key

Part number example of a 9:1 Husky antenna, black:
PRO9H4L4WG15BM

Description	Abbreviation	Part Number
All PRO Series	PRO	PRO
Number of antennas in housing/configuration	9:1	PRO9
Antenna abbreviation for Husky	H	PRO9H
Number of LTE Elements	# L	PRO9H4L
Number of WiFi Elements	# W	PRO9H4L4W
Number of GPS Elements (usually only 1 GPS per antenna, therefore we simply list G and no number)	G	PRO9H4L4WG
Cable length measured in feet: 01 = 1', 15 = 15'	01, 15, etc,	PRO9H4L4WG15
Radome Color - B for Black, W for White	B or W	PRO9H4L4WG15B
Attached magnetic boot mount	M	PRO9H4L4WG15BM
If SMA connector, simply leave blank		PRO9H4L4WG15B
N type female connector	NF	PRO9H4L4WG15B-NF
N type male connector	NM	PRO9H4L4WG15B-NM

Custom connectors are available. Please contact us for more information.

Notes:

N type connector is recommended for outdoor usage due to it being waterproof. N type is also best used for cable runs longer than 25ft due to it being a stronger connection.

SMA connectors have a max torque of 3-5 inch lbs.



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