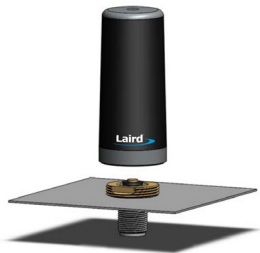




## THE ULTRA PHANTOM® WHEN HIGH PERFORMANCE IS DESIRED & EXTREME RUGGEDNESS & LOW PROFILE IS REQUIRED.

Laird's unique patented Ultra Phantom® Dual and Single Band is a tough low-profile antenna for outdoor or indoor applications. Features field diversity with both vertical and horizontal polarization. This gives the antenna diversity, frequency agility, low visibility, wide bandwidth and a low angle radiation pattern that is superior to traditional gain antennas in most applications.

The industry standard NMO mounting socket mates with all Laird magnetic, trunk lid and whole mounts. A threaded permanent stud mount model is also available for vandal resistant mounting on brackets, panels, ceilings or any other kind of housing.



## FEATURES AND BENEFITS



- True Field Diversity design ensures uninterrupted transmission in urban canyons and rural drop off areas.
- Phantom outperforms 3dBi whip in many applications.
- U.S. Patent Nos. 5,977,931 – 6,292,156 and 7,209,096

## MARKETS

- Public Safety
- Transportation
- Utilities
- Military Mobile
- Fixed Radio Applications

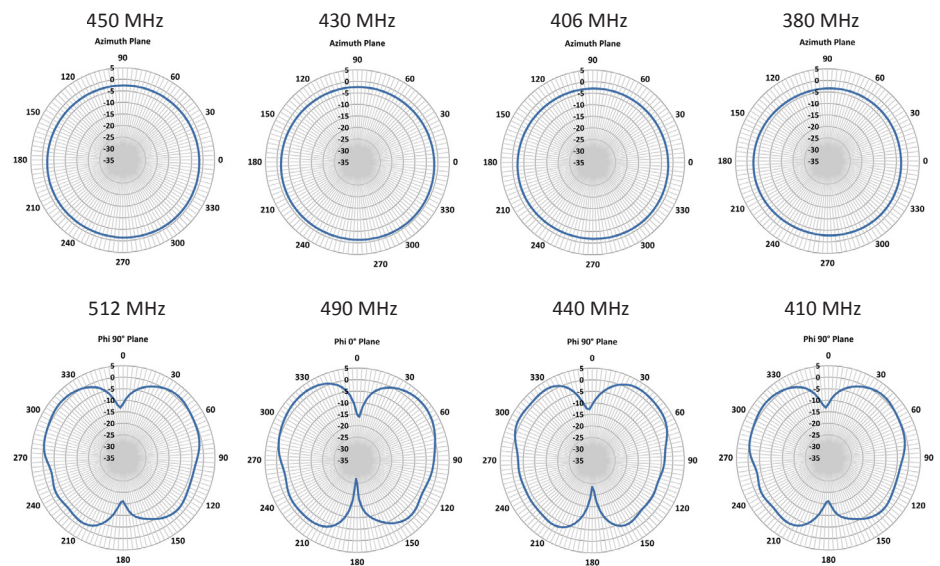
# Ultra Phantom Omnidirectional Antenna

## TECHNICAL DATA AND SPECIFICATIONS

MODEL	(MAX) GAIN	FREQUENCY	POLARIZATION	INPUT	COLOR
UTRA4502S3NB	4.1 dBi	450-512 MHz	Vertical	50 Ω	Black
UTRA4502S3NW	4.1 dBi	450-512 MHz	Vertical	50 Ω	White
UTRA4301S3NW	3.6 dBi	430-490 MHz	Vertical	50 Ω	White
UTRA4301S3NB	3.6 dBi	430-490 MHz	Vertical	50 Ω	Black
UTRA4061S2NW	2.9 dBi	406-440 MHz	Vertical	50 Ω	White
UTRA4061S2NB	2.9 dBi	406-440 MHz	Vertical	50 Ω	Black
UTRA3802S1NW	2.0 dBi	380-410 MHz	Vertical	50 Ω	White
UTRA3802S1NB	2.0 dBi	380-410 MHz	Vertical	50 Ω	Black

### SPECIFICATIONS

Antenna Type	Shorted Monopole
VSWR	≤ 2.5:1
Weight	163.3g
Height	3.4"
Diameter	1.4"
Mounting	NMO
Wind Survivor	282 km/h
Operating Temp	-45°C to +85°C
Storage Temp	-50°C to +85°C
Ingression Protection	IP67



### IAS-DS-ULTRA-PHANTOM\_0614

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