



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

Laird's unique patent pending Ultra Phantom[®] Dual and Single Band is a tough low-profile antenna for outdoor or indoor applications and features field diversity with vertical 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.
- Ultra Phantom outperforms 3dBi whip in many applications.
- U.S. Patent Pending

MARKETS

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

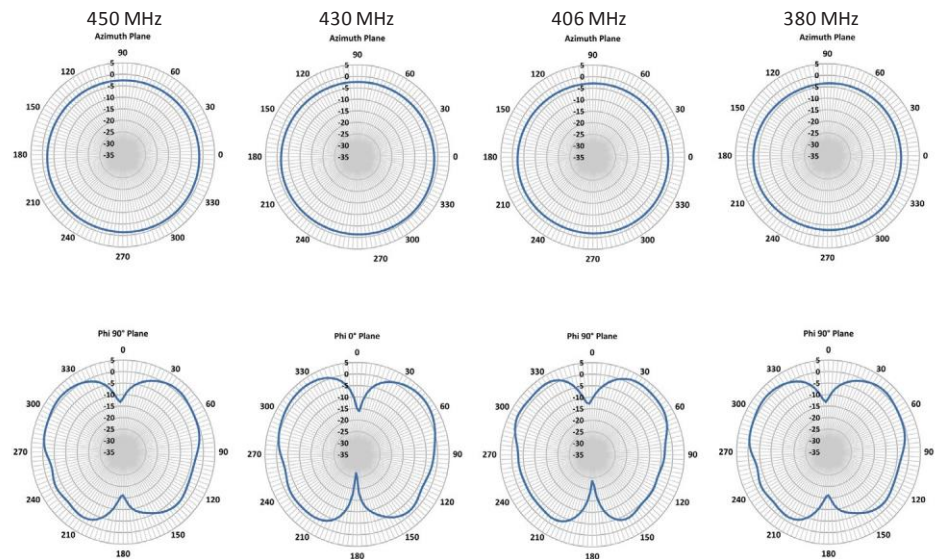
Ultra Phantom Omnidirectional Antenna

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	$\leq 2.5:1$
Weight	163.3g
Height	86.6 mm
Diameter	35.5 mm
Mounting	NMO
Wind Survivor	282 km/h
Operating Temp	-45C to +85C
Storage Temp	-50C to +85C
Ingression Protection	IP67



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