

Ultra Phantom Omnidirectional Antenna



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

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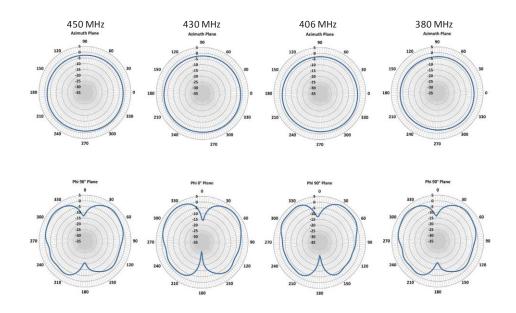
Ultra Phantom

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	86.6 mm		
Diameter	35.5 mm		
Mounting	NMO		
Wind Survivor	282 km/h		
Operating Temp	-45Cto +85C		
Storage Temp	-50Cto +85C		
Ingression Protection	IP67		



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