

# Ultra Phantom® Omnidirectional Antenna



**THE ULTRA PHANTOM® WHEN HIGH PERFORMANCE IS DESIRED AND EXTREME RUGGEDNESS AND LOW PROFILE IS REQUIRED.**

Laird's unique patented Ultra Phantom® Single Band antenna is a rugged low-profile antenna for outdoor or indoor applications. The Ultra Phantom features vertical polarization, 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.

## FEATURES AND BENEFITS



- Phantom outperforms 3dBi whip in many applications.
- IP67 rated for harsh environmental 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

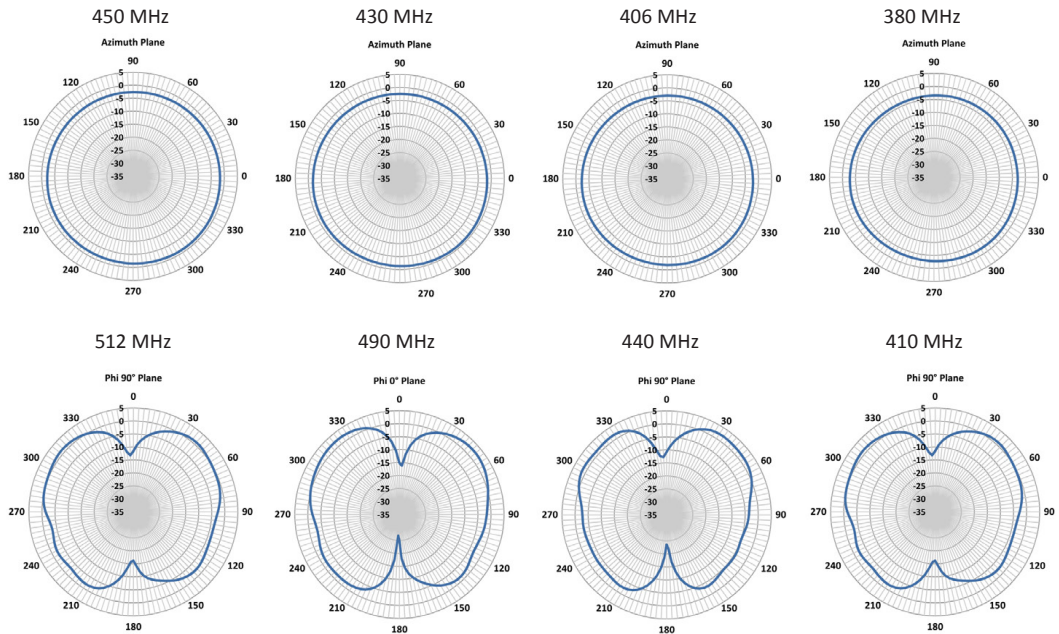
## SPECIFICATIONS

PARAMETER	SPECIFICATION
Antenna Type	Shorted Monopole
VSWR	≤ 2.5:1
Weight	0.36 lb (163.3g)
Height	3.4" (86.3 mm)
Diameter	1.4" (35.5 mm)
Mounting	NMO
Wind Survivor	175 mph (282 km/h)
Operating Temp	-45°C to +85°C
Storage Temp	-50°C to +85°C
Ingression Protection	IP67

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## MODEL AND ORDERING INFORMATION

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



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