

# Phantom Low Profile Dual Band UHF / GPS, Roof Mount Antenna

## GPSD4503P



### PHANTOM ANTENNA IS IDEAL FOR DUAL BAND UHF / GPS MOBILE APPLICATIONS

Laird's unique Phantom dual band UHF / GPS antenna is designed for heavy duty, high performance applications and operates at maximum effectiveness when mounted on a 10" diameter (min.) ground plane surface.

A threaded permanent stud mount provides vandal resistant vehicle mounting. The Phantom can also permanently mount to brackets, panels or any other kind of housing with proper ground plane surface.

### FEATURES

- High performance mobile antenna operates on a 10" diameter (min.) ground plane.
- Designs cover low profile to pure performance mobile applications.
- Easy installation w/ Roof mount on permanent installed.
- 100% tested on a network analyzer

### APPLICATIONS

- Commercial & Industrial

### SPECIFICATIONS

ELECTRICAL	
Frequency Range	450 - 470 MHz
VSWR	< 2:1
Peak Gain	3 dBi
Maximum Power	100 W
Nominal Impedance	50 Ohm
Polarization	Vertical
Pattern	Omni-directional
Half-Power Beamwidth	146° x 360° typical
Cable Length	17ft of RG58A/U / 17ft of RG174/U
Termination	N-male (Radio) / SMB Plug (GPS)
MECHANICAL	
Color	Black or White
Height	3.5"
Dimensions (Ht. x dia.)	3" at base
Operating Temperature	ABS

### MODEL AND ORDERING INFORMATION

MODEL	DESCRIPTION	CONNECTORS
GPSD4103P	Dual Band Phantom 410-425 MHz & GPS, Roof Mount	N-male Installed
GPSD4503P	Dual Band Phantom 450-470 MHz & GPS, Roof Mount	N-male Installed
GPSD4903P	Dual Band Phantom 490-512 MHz & GPS, Roof Mount	N-male Installed
GPS16412	Dual Band Phantom 410-425 MHz & GPS, Roof Mount	BNC male not installed

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