

**LPD-HVHF-DN
 LPD-LVHF-DN**

LOW PROFILE VHF LPD ANTENNA SERIES

This low profile VHF series is specifically designed for transit vehicles that require overhead clearance and a wider bandwidth. This antenna features VHF and operates at 145-161 MHz and 162-172 MHz band, with a gain of 2 dBi.



PRODUCT OVERVIEW

The LPD VHF series is the ideal wireless solution for ambulances, fire engines, railroad cars, construction equipment, buses, and airport vehicles.

These low profile multiband antennas are factory wideband tuned and tested to provide excellent frequency coverage.

The low-profile radome is made from high impact polycarbonate resin to protect against the harshest outdoor environments and is available in either black or white.

The LPD is factory wideband tuned and they are tested to provide excellent frequency coverage.

It measures at 20" (50.8cm) in diameter and is 3.25" (8.25cm) tall. With a weight of 5.25 lbs this antenna has a wind survivability of 200 mph.

This antenna terminates with an N jack standard is surface mounted through eight 15/23" (11.9mm) mounting holes that are placed 45 degrees apart on 19.13 B.C.

LPD SERIES SPECIFICATIONS

		
Part Number	LPD-LVHF-DN	LPD-HVHF-DN
Frequency Range	145-161 MHz	162-175 MHz
Gain	2 dBi	2 dBi
Bandwidth	6 MHz	6 MHz
Connector	N Jack	N Jack
VSWR	< 2:1	<2:1
VSWR	< 1.3:1	< 2.0:1
Radome Material	UV Inhibitive Plastic	UV Inhibitive Plastic
Color	Also available in Black	Also available in White
Impedance	50 Ohm	50 Ohm
Max Power	500 Watts	500 Watts
Dimensions	Dia: 20" (50.8cm) H: 3.25" (8.25cm)	Dia: 20" (50.8cm) H: 3.25" (8.25cm)
Weight	5.25 LBs	5.25 LBs
Mounting	Flange Mounting	Flange Mounting
Operating Temp	-40 degrees to +85 degrees	-40 degrees to +85 degrees

PRODUCT DETAILS:

- Antenna is Factory Tuned to specified frequency
- Gain and VSWR are measured on a 3 ft. groundplane
- 10 MHz bandwidth possible with appropriate GP arrangement

THIS ANTENNA SOLUTION FOR VHF & PUBLIC SAFETY APPLICATIONS MEET BUY AMERICA PURCHASING REQUIREMENTS.