

LP-OMNIXXX05AHD 375 TO 512 MHz 5 dBi Heavy Duty OMNI type Antennas.

LPOMNIXXX05AHD _PFD_ENB01W

Characteristics

- 375 to 512 MHz UHF Band applications.
- Heavy Duty.
- 5 dBi Gain.
- 40° of vertical beamwidth.
- High stability of physical parameters.
- Strong construction with radiating elements constructed of copper & copper alloy. They are encased in a fiberglass radome for total environmental protection.
- All weather use fiberglass radome is ultraviolet inhibited. The heavy wall aluminum mounting sleeve is epoxy coated for superior weather protection.
- The feed system is completely enclosed.
- Lightweight and durable.
- Stainless Steel mounting hardware.
- Grounding for lightning protection.
- Direct Female N type Connector.
- Simple to install.



LP-OMNIXXX05AHD 375 TO 512 MHz 5 dBi Heavy Duty OMNI type Antennas.

These Heavy Duty Omni Type Antennas for the 375 to 512 MHz UHF Band supplied by LanPro are built with a strong construction design, with the radiating elements made of copper & copper alloy. They are encased in a fiberglass radome for total environmental protection

Manufacturing is performed with high precision CNC machinery equipment, giving parameter stability to the antennas in time. The pole mounting hardware is made with stainless steel.

These antenna systems can be used in diverse high performance applications in the 375 to 512 MHz UHF band.

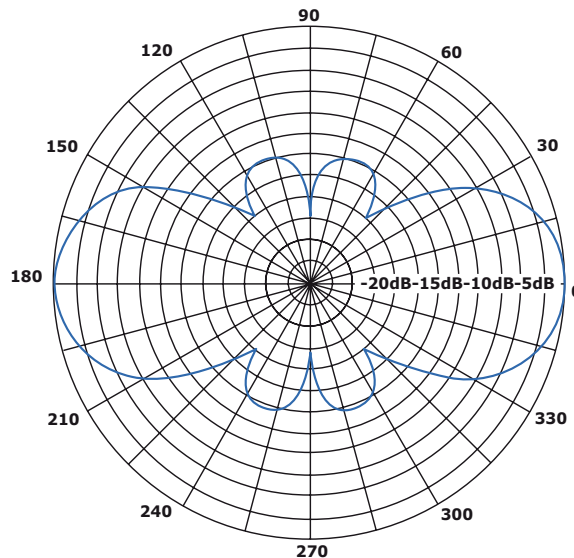


A Technical Specifications

Frequency range	375 to 512 MHz
Bandwidth	>20 MHz
Impedance	50 Ohm ±10%
VSWR	≤ 2.0 : 1
Gain	5 dBi
Polarization	Vertical
Power Handling	250 Watt
Vertical Beam Width	40°
Connector	N Female
Operation Temperature	-30°C to +60°C (-22°F to 140°F)
Radiator	Internal copper alloy elements
Radome	1" (25.4mm) Ø. White UV inhibited fiberglass
Mounting Sleeve	1.35" (34.3mm) Ø. 10" (254mm) Long. Heavy wall epoxy coated
Length	36" (914mm) at lowest frequency
Weight	5 lbs (2.3 Kg)
Wind Rating	125 MPH (201.16Km/h)
Wind Load	14.2 lbs (6.44 Kg)

LP-OMNIXXX05AHD - UHF - OMNIDIRECTIONAL - 375 A 512 MHz Antenna Pattern

Vertical Pattern



B How to Order

LP-OMNI037505AHD 375 to 400 MHz 5 dBi Heavy Duty Omni type Antenna	LP-OMNI046005AHD 460 to 480 MHz 5 dBi Heavy Duty Omni type Antenna
LP-OMNI040605AHD 406 to 430 MHz 5 dBi Heavy Duty Omni type Antenna	LP-OMNI047005AHD 470 to 490 MHz 5 dBi Heavy Duty Omni type Antenna
LP-OMNI043005AHD 430 to 450 MHz 5 dBi Heavy Duty Omni type Antenna	LP-OMNI048005AHD 480 to 500 MHz 5 dBi Heavy Duty Omni type Antenna
LP-OMNI044505AHD 445 to 465 MHz 5 dBi Heavy Duty Omni type Antenna	LP-OMNI049005AHD 490 to 512 MHz 5 dBi Heavy Duty Omni type Antenna
LP-OMNI045005AHD 450 to 470 MHz 5 dBi Heavy Duty Omni type Antenna	