

Item  
15-406

## 900MHz 13dBi VPOL Sector Antenna

860 TO 960 MHz Operation 900 to 928 MHz Operation

The NLOS series sector antenna systems are constructed of a heavy duty aluminum extrusion and covered with a UV resistant ABS radome. The vertically polarized antennas are well suited for communicating with fixed and mobile wireless clients. Because of their high gain they offer extended range. The 120 deg beamwidth covers a large service area. The super heavy duty stainless steel mounting system will insure a stable installation in high wind conditions. The mount has a tilt indicator to enable setting of accurate antenna downtilt.

### Features and Benefits:

- 900MHz vertically polarized sector directional antenna
- 13dBi gain , 120deg beamwidth
- Heavy duty stainless steel scissor bracket
- Type N female integrated connector standard

### Applications

- 900 MHz ISM band applications
- Non line of sight applications
- WISP base station equipment
- Cellular Applications

### Technical Specifications

Frequency Range	860 - 960 MHz
Gain	13 dBi
Vertical Beamwidth	16 °
Horizontal Beamwidth	120 °
Front to Back	21 dB
Intermod	-107 dBm
VSWR	1.5:1
Impedance	50 OHM
Input Power	200 W
Pole Diameter (OD)	2" - 4" (50 – 102 mm)
Operating Temperature	-45°C to 70°C
Weight	31 lbs (14 kg)
Length x Width x Depth	53" x 11" x 5" (1350 x 286 x 133 mm)



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