

Item
15-405

900MHz 12dBi HPOL Sector Antenna

900 to 928 MHz Operation

The NLOS series horizontally polarized sector antenna systems are constructed of a heavy duty aluminum extrusion and then powder coat painted for extremely long service life. The super heavy duty mounting system will insure a stable installation in high wind conditions. The antennas are horizontally polarized so that interference can be minimized in the wireless system.

Features and Benefits:

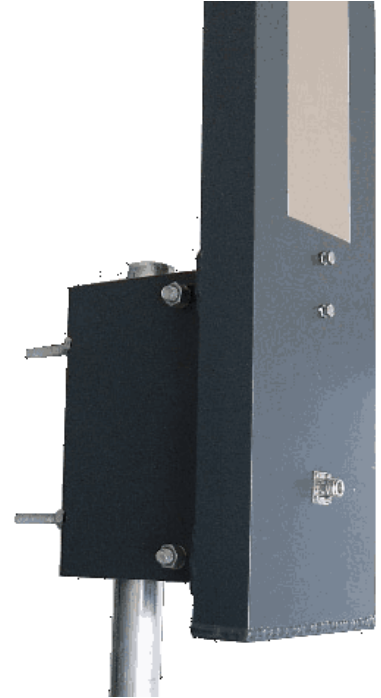
- 900MHz horizontally polarized sector directional antenna
- 12dBi gain , 120deg beamwidth
- Heavy duty aluminum extrusion with powder coat paint
- Type N female integrated connector standard

Applications

- 900 MHz ISM band applications
- Non line of sight applications
- WISP base station equipment
- Point to multi-point systems

Technical Specifications

| | |
|------------------------|--------------------------------------|
| Frequency Range | 900 - 928 MHz |
| Gain | 12 dBi |
| Vertical Beamwidth | 15 ° |
| Horizontal Beamwidth | 120 ° |
| Front to Back | -14 dB |
| VSWR | 1.5:1 |
| Impedance | 50 OHM |
| Input Power | 100 W |
| Pole Diameter (OD) | 1.5" - 3 " (38 - 76 mm) |
| Operating Temperature | -45°C to 70°C |
| Weight | 22 lbs (10 kg) |
| Length x Width x Depth | 62" x 8" x 2" (1575 x 203 x 5 mm) |
| Connector Type | N- Female |



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