

# 900MHz NLOS Sector Panel Antenna

The NLOS Series Horizontally Polarized Sector Antenna systems offered by Netkrom Technologies 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:

- 900MHz Horizontally Polarized Sector Directional Antenna
- 13dBi 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

### Specifications:

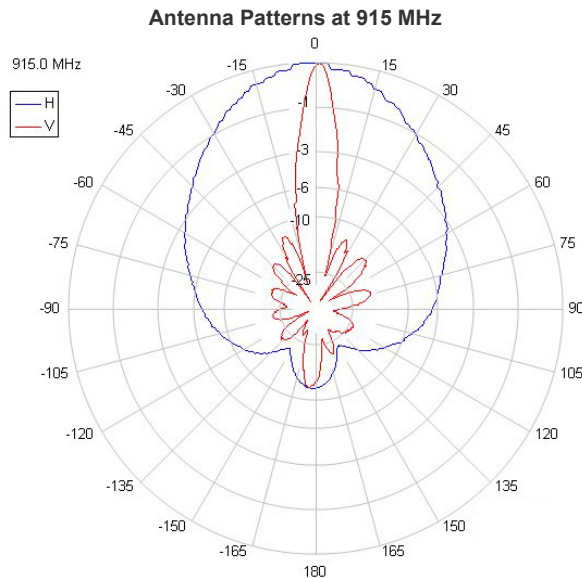
Product code	W90-13SP
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#### Electrical

Gain	13 dBi
Frequency	900 - 928 MHz
Input Return Loss	
VSWR	1.5:1
Front to Back	-14 dB
Input Power	100 W
Horizontal Beam Width	15 Degrees
Vertical Beam Width	120 Degrees
impedance	50 OHM
Connector	N-Type (female)

#### Mechanical

Dimensions (LxW x D)	62" x 8" x 2" Inch (1575 x 203 x 51 mm)
Weight	22 Lbs (10 Kg)
Pole Diameter (OD)	1.5 Inch (38 mm) to 3 Inch (76mm)
Wind Loading	100MPH 124 Lbs (56 Kg) / 125MPH 194 Lbs (88 Kg)
Operation Temperature	-45 +70 Deg C



### Ordering Information:

- **W90-13SP** 900MHz 13dBi 120° Sector Panel Antenna VPOL (N Female Connector)