

Cellutronics

PO Box 27301, Wellington

www.cellutronics.co.nz

AGP-18

DATA SHEET



**NLOS
Series GridPak
Antenna
806 to 960 MHz**

Features

- High Gain Directional 800MHz Antenna
- Low Wind Loading Wire Grid Design
- Vertical or Horizontal Polarization
- High front to back ratio

Applications

- 800 MHz Donor Repeater Applications
- Non Line of Sight Applications
- 800 MHz Backhaul Applications
- Point to Point Systems

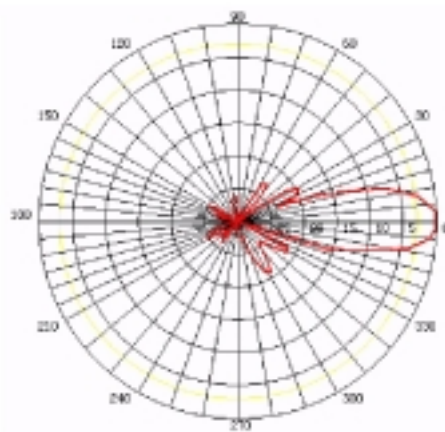
Description

The NLOS Series Gridpak antenna system is constructed of aluminum with light gray powder coat paint overcoat for long service life. These antennas have high gain and good front to back performance to minimize external interference. They can be mounted in vertical or horizontal polarization. They come standard with a 40cm pigtail cable terminated with an N Female connector.

Specifications

Parameter	Min	Typ	Max	Units
Frequency Range	806		960	MHz
Input Return Loss (S11)		-14		dB
VSWR		<1.5:1		
Impedance		50		Ω
Input Power			100	W
Operating Temperature	-30		+60	Deg C
Rated Wind Velocity			216	Kmph
Gain	17	18	19	dB
Beamwidth Horizontal		16.5		
Beamwidth Vertical		16.5		
F/B		>30		dB
Dimensions		1.20 dia		m
Weight		20		Kg
Connector		N Female		

H - Plane



E-Plane

