

## Flat Patch Directional 20 dBi MIMO antenna 5.1 – 5.8 GHz



back side view

### Flat Patch Directional MIMO Antenna 20 dBi / AN56-F20-MIMO-NF

This antenna is ideally suited to interconnect clients to the corresponding access point over a larger distance in outdoor environments or to establish a strong and reliable bridge connection between two locations. This MIMO antenna provides two streams in both ways (horizontal and vertical polarization) With its gain of 20 dBi this antenna provides similar results as a typical yagi antenna but is easier to adjust due to larger tolerance of direction and the small and inconspicuous dimensions prevent it from being affected by strong winds and vandalism.

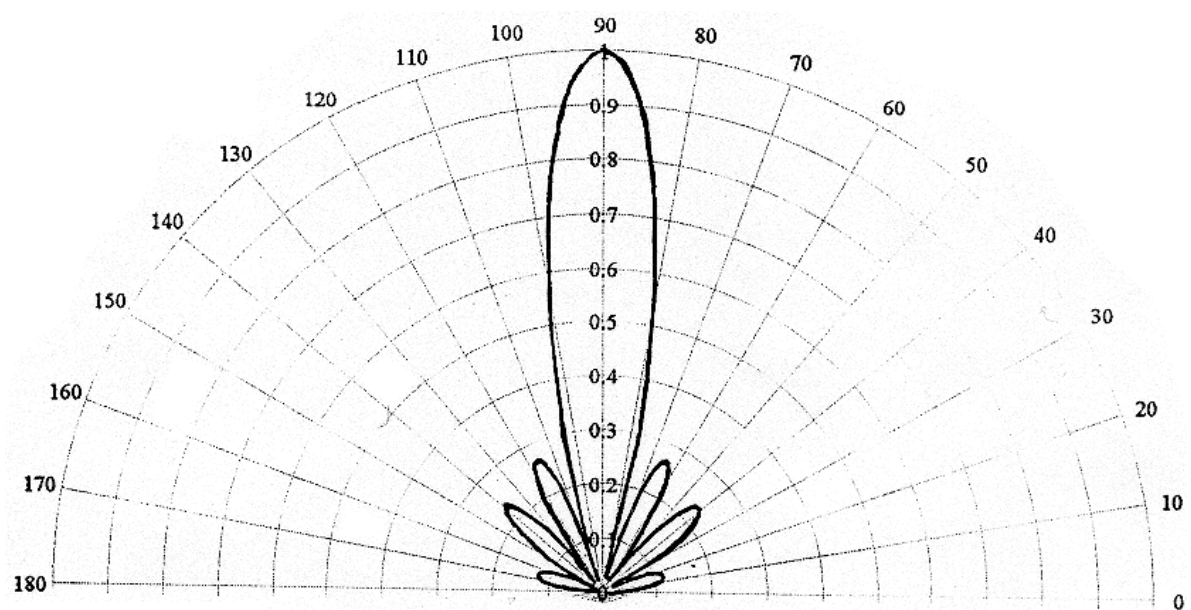
The brackets are designed for mast mounting. This antenna provides high performance connections in heavy duty outdoor environment.

Each antenna set includes:

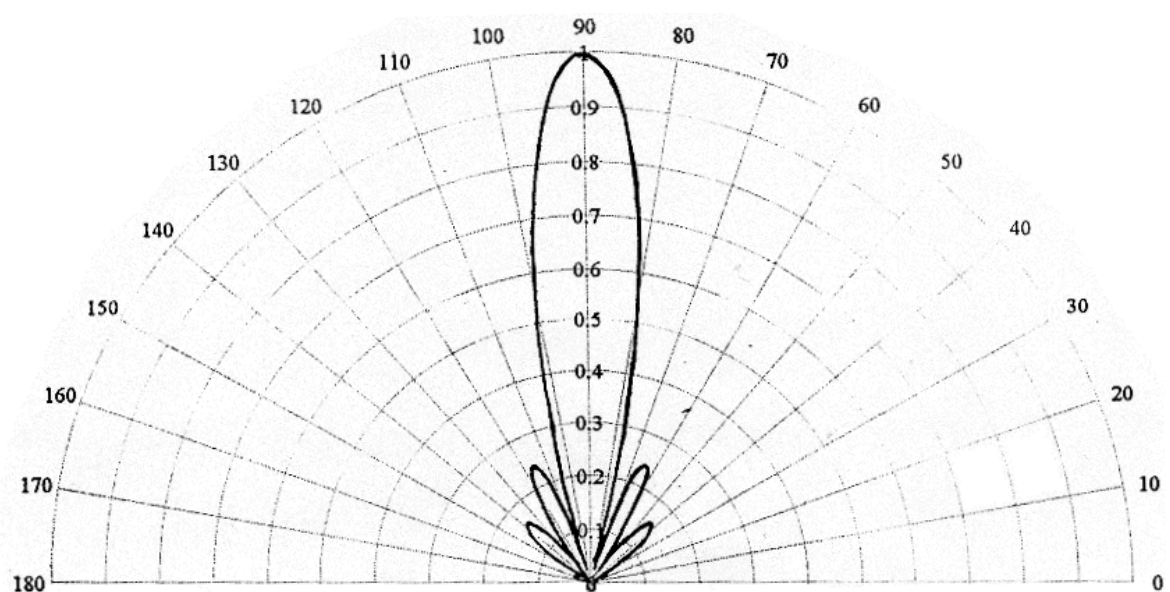
- Antenna
- Mounting brackets

Technical Specifications of Antenna	
Electrical	
Operating Range	5100-5900 MHz
Gain, dBi	20
Horizontal Beam Width, degree	15
Vertical Beam Width, degree	15
Impedance, Ohm	50
VSWR	1.5
Side lobe, dB	< -15
Mechanical	
Weight	462 g
Dimensions, mm	220 x 220 x 25
Socket	Chrome-plated metal foot (optional)
Radome Material	Aesthetic UV-inhibited white plastic
Polarization	MIMO Horizontal and vertical
Wind survival	200 km/h
Connector Type	N-type female

## Antenna characteristics



Horizontal Field Strength Pattern of Flat Patch Antenna



Vertical Field Strength Pattern of Flat Patch Antenna