

# 5150-5850 MHz - 23dBi Panel Antenna With Enclosure

## EZ-EP5WR23ISF

The **EP5WR23ISF** panel antenna offered by **e-zynet** is developed to allow integration of the customers' radio equipment inside the weatherproof compartment.

The antenna design utilizes a wide-band element array over a solid 30cm square back-plane for consistent performance over a wide bandwidth.

The housing of the antenna is UV stabilized ABS plastic.

The enclosure of the antenna is Die Cast Aluminum with stainless steel fasteners.

Included with the **EP5WR23ISF** is a mounting bracket that provides  $\pm 35^\circ$  of elevation adjustment, an **RJ45-EPS** (RJ45 Ethernet Pass-through System) and a PCB mounting kit.

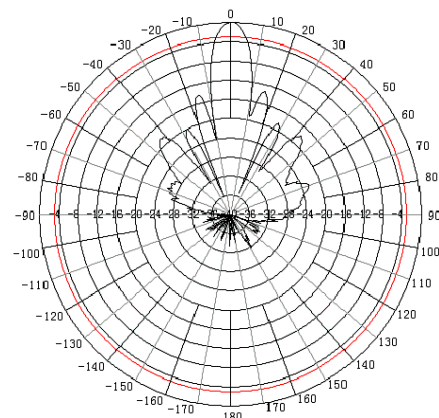


### Features :

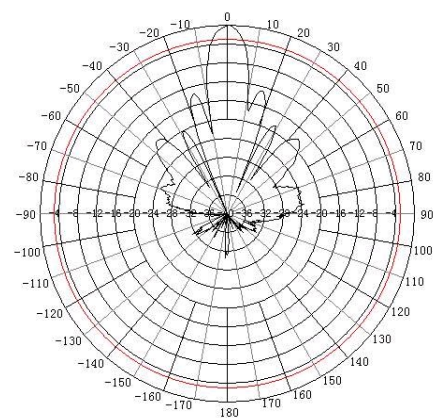
- Compact 23dBi Antenna Gain
- 186 x 186 x 40mm Weatherproof Radio Compartment
- Vertical or Horizontal or 45° Polarization

### TECHNICAL SPECIFICATIONS

Freq. Range	5150-5850 MHz
Bandwidth	700MHz
Gain	23 dBi
V.S.W.R	<1.5
Horizontal Beamwidth	11°
Vertical Beamwidth	11°
Max Power	50 W
Polarization	Rotatable (Ver or Hor or 45°)
Impedance	50 ohm
Connector	SMA Female
Antenna Dimensions	305 x 305 x 70 mm
Enclosure Dimensions	186 x 186 x 40mm
Weight	2 Kg
Radome Material	UV stabilized ABS
Enclosure Material	Aluminum Die Cast
Color	Sand white
Mounting mast diameter	Ø30 to 50mm
Package Dimensions	35x33x8cm
Package Weight	2.75kg
Temperature Range	-45/+54°C
Certifications	ETSI EN 302 085, IP65



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