

# Extreme Networks AI-TH08055 Panel Antenna

AI-TH08055 is a dual polarized 6x6 MIMO panel antenna with nominal 65° H x 65° V beamwidths. This antenna is well suited for 2.4GHz, 5GHz, and 6GHz sector coverage for access points. It is supported on the AP4020FX and ships with a mounting bracket. It can be mounted on a pole or a wall. Cable straps ordered separately.

## TECHNICAL SPECIFICATIONS

### FREQUENCY/MAXIMUM GAIN

- 2.4-2.5 GHz/7dBi
- 5.15-5.85 GHz/6dBi
- 5.925-7.125 GHz/6dBi

### DIMENSIONS

- 250 mm x 250 mm x 25 mm  
(9.84 inches x 9.84 inches x .98 inches)

### POLARIZATION

- Vertical + Horizontal

### WEIGHT

- 1.0 kg (2.2 lbs)

### BEAMWIDTH

- Horizontal plane: 65°/55°
- Vertical plane: 65°/65°

### HOUSING

- Housing: Aluminum
- Radome: Plastic

### VSWR

- 2:1 max



### INSTALLATION HARDWARE

- Azimuth/elevation mount kit for pole

### IMPEDANCE

- 50 ohms

### PIGTAILS

- 1 meter / RP-SMA Male\*6

### MAXIMUM INPUT POWER

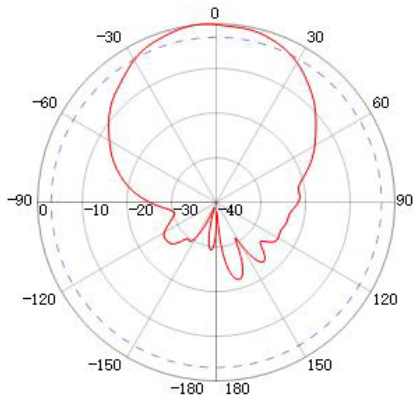
- 50 watts

### OPERATING TEMPERATURE

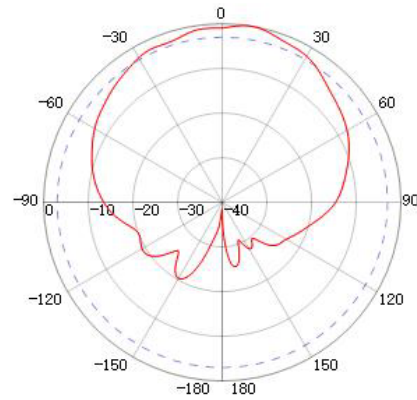
- -40° C to +70° C (-40° F to +158° F)

## ANTENNA PATTERN PLOTS

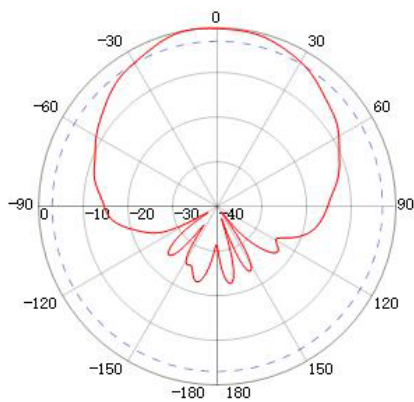
### VERTICAL PATTERNS



2.4 GHz

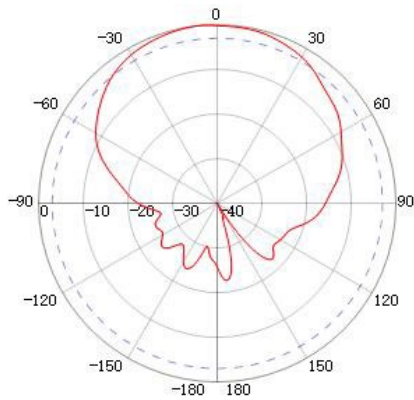


5 GHz

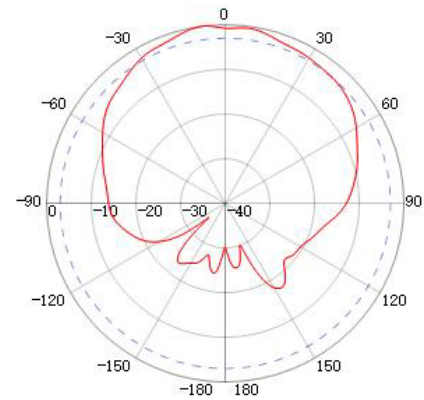


6 GHz

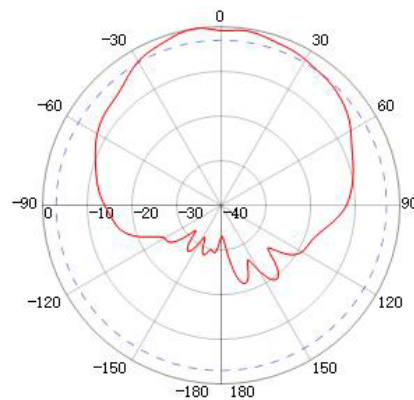
## HORIZONTAL PATTERNS



2.4 GHz



5GHz



6GHz

## PURCHASE INFORMATION

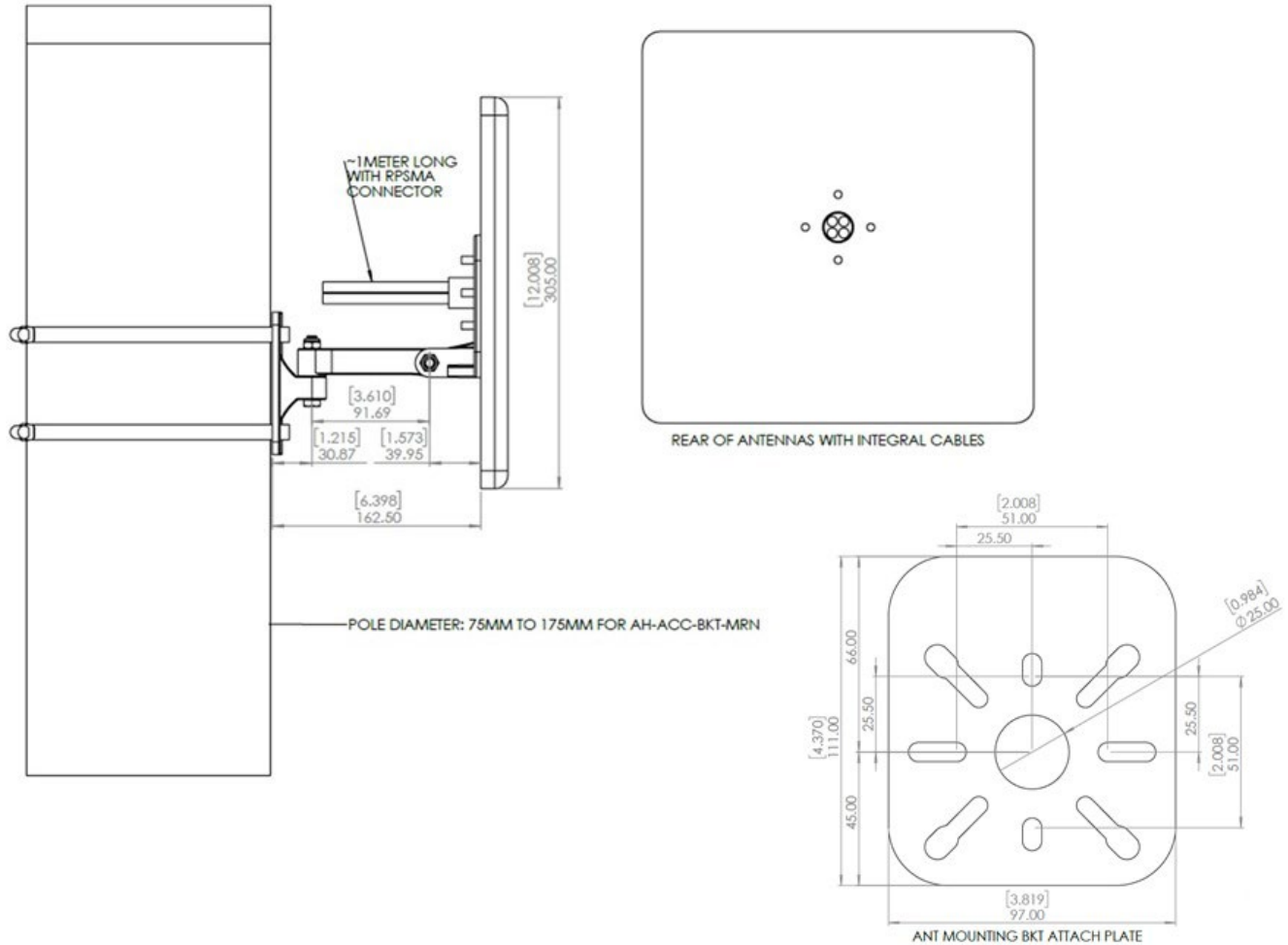
Cable straps are ordered separately.

### ORDERING INFORMATION

| Part Number | Description                                                                                                                         |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------|
| AI-TH08055  | 65 degree indoor Antenna 2.4GHz-7dBi, 5GHz-6dBi, 6GHz-6dBi RG58=1m White Cable with RP-SMA-Male 6port for AP4020FX. Mount included. |

## MOUNTING BRACKET

### Bracket



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