

AIO-HE17020 High Band Directional 17dBi Indoor Antenna Technical Specifications

17dBi (5 and 6 GHz) Indoor 8-port Directional 20 Degree with detachable 1 meter 8-port RP-SMA cable. Mount included. It is compatible with the AP5022FX and AP4020FX. This antenna is to be used indoors only due to the RP-SMA connector.

TECHNICAL SPECIFICATIONS

FREQUENCY/MAXIMUM GAIN

- 5.15-5.85 GHz/17 dBi
- 5.925-7.125 GHz/17 dBi

DIMENSIONS

- 400 mm × 380 mm × 50 mm
(15.7 in. × 14.96 in. × 1.97 in.)

POLARIZATION

- Dual slant polarization (+/- 45 deg.)

WEIGHT

- 1.7kg (3.75 lbs.)

BEAMWIDTH

- Azimuth plane: 18° +/- 2
- Elevation plane: 18° +/- 2

ELECTRICAL DOWNTILT

- 0° (Fixed)

HOUSING

- Radome: UV Resistant ABS (white)

VSWR

- 2.0 max

INSTALLATION HARDWARE

- Azimuth/elevation mount kit for pole

IMPEDANCE

- 50 ohms

CONNECTORS

Female RP- SMA (8)

MAXIMUM INPUT POWER/PORT

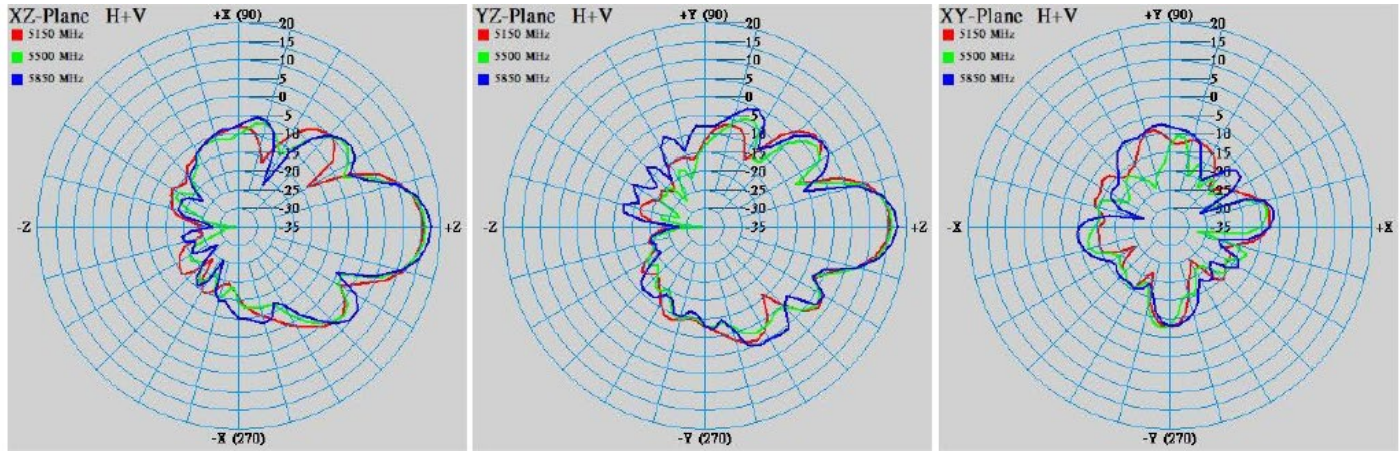
- 25 watts

ENVIRONMENTAL

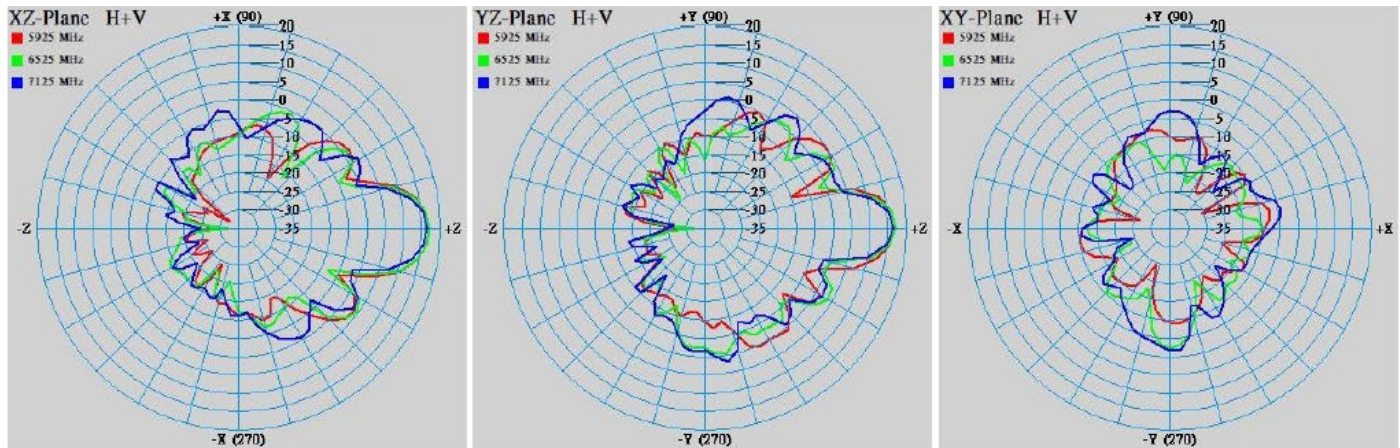
- Operating Temperature: -40° C to +70° C
(-40° F to +158° F)
- Humidity: 5 to 95 %
- Survival Wind Velocity: 200 km/h

ANTENNA PATTERN PLOTS

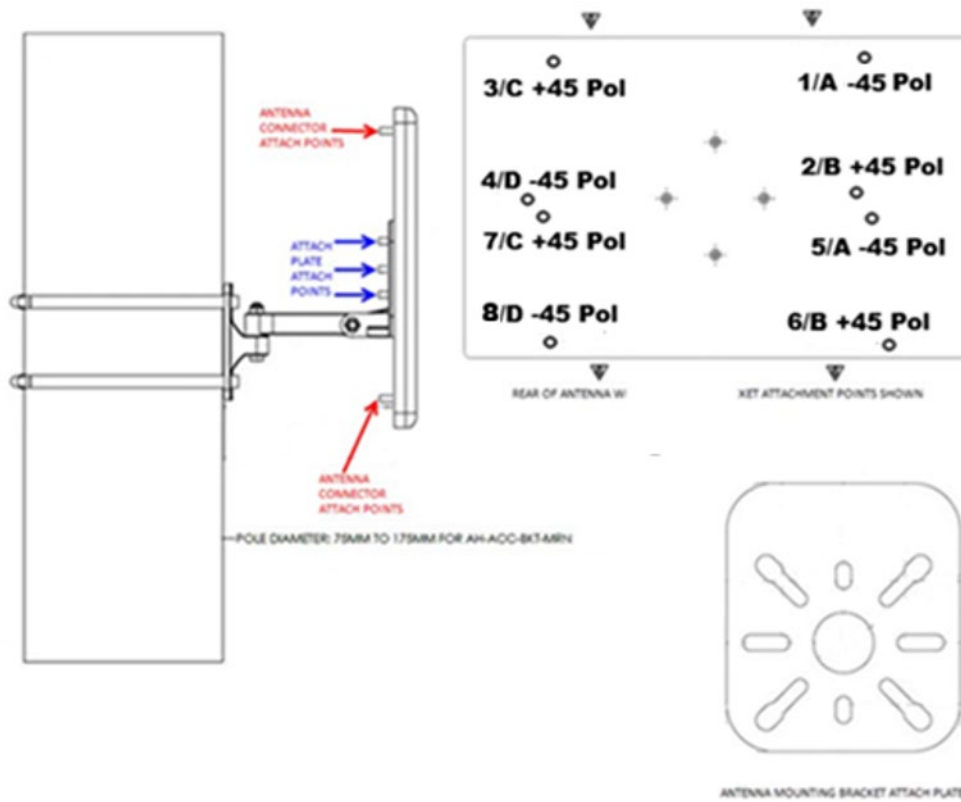
5.0 GHz



6.0 GHz



MOUNTING BRACKET



PURCHASE INFORMATION

You must order cable straps separately.

ORDERING INFORMATION

Part Number	Description
AIO-HE17020	17dBi (5 and 6 GHz) Indoor 8-port Directional 20 Degree with detachable 1 meter 8-port RP-SMA cable. Mount included

LEGAL

Copyright © 2026 Extreme Networks, Inc. All rights reserved.

Legal Notice

Extreme Networks, Inc. reserves the right to make changes in specifications and other information contained in this document and its website without prior notice. The reader should in all cases consult representatives of Extreme Networks to determine whether any such changes have been made. The hardware, firmware, software or any specifications described or referred to in this document are subject to change without notice.

Trademarks

Extreme Networks and the Extreme Networks logo are trademarks or registered trademarks of Extreme Networks, Inc. in the United States and/or other countries. All other names (including any product names) mentioned in this document are the property of their respective owners and may be trademarks or registered trademarks of their respective companies/owners. For additional information on Extreme Networks trademarks, see: <http://www.extremenetworks.com/company/legal/trademarks>.

Open Source Declarations

Some software files have been licensed under certain open source or third-party licenses. End-user license agreements and open source declarations can be found at: [https:// www.extremenetworks.com/support/policies/open-source-declaration/](https://www.extremenetworks.com/support/policies/open-source-declaration/).

Corporate Headquarters

Extreme Networks, 2121 RDU Center Drive, Morrisville, NC.