

AP170 5GHz Directional Antenna

18dBi Narrow Beam Outdoor Antenna



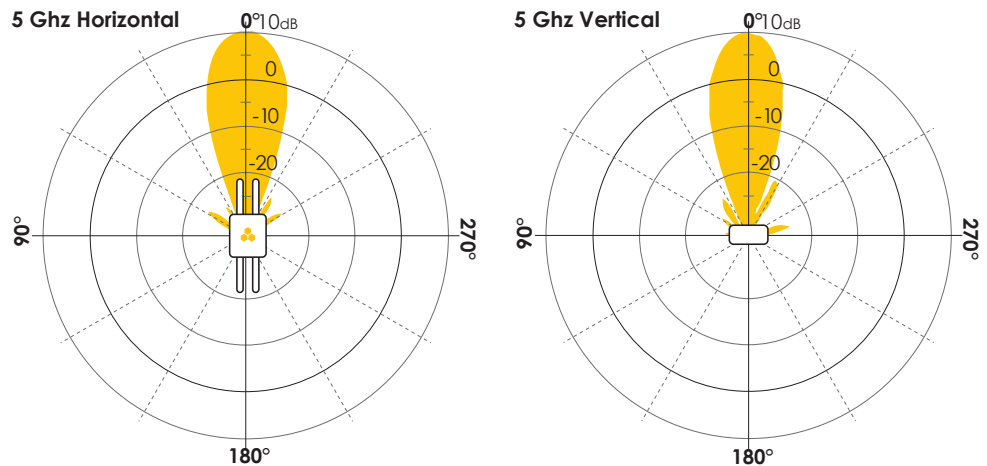
Outdoor 5GHz single-band 17 degree directional antenna with 18dBi gain.

The AH-ACC-170-ANT-18 is an outdoor single-band (5GHz) antenna with 18dBi gain. The antenna is well suited for applications where a narrow beam 17 degree H-plane is most optimal. The typical application where mounting location can be in an outdoor environment with point-to-point range expansion requirement.

The antenna is ideally suited for long distance point-point applications such as secure bridging between buildings for short to mid-distance. The antenna provides a very small azimuth to enable longer range at higher-throughput.

When planning a network that incorporates wireless, varying facility sizes, construction materials, distance between transmission points and physical obstructions must be accounted for. Every WLAN deployment is unique and requires through site-survey and planning before deployment.

RF Coverage Maps



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SKU	Description		
AP Accessories			
AH-ACC-170-ANT-18	5GHz N-Plug outdoor 18dBi directional antenna for AP170		
Electrical/RF Specifications			
Frequency Range (MHz)	5.150 GHz - 5.875 GHz	Type	High-gain, Directional Patch
Polarization Gain (dBi)	18	Max Power Output (W)	20
3dB beam width (°)	Horizontal: 17 ; Vertical: 17	Impedance	50 Ohms
Mechanical Specifications			
IP Rating	IP67	Operating Temp (°C)	-40 to 60
Installation and Mounting	Pole Mount, Mounting Bracket Included	Flammability	UL94HB
Connector Type	N-Female (back of antenna)	Salt-Fog Rating	IEC 68-2-11
Height/Width/Depth (mm)	261 x 261 x 35	Vibration Rating	IEC 60721-3-4
Weight	1.15 Kg/2.54 lbs.		

Contact us today to learn how your organization can benefit from an Aerohive wireless LAN architecture.