

Data Sheet

Cisco Aironet Antennas and Accessories—Complete the Wireless Solution

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Cisco Aironet Antennas and Accessories

Every wireless Local Area Network (LAN) deployment is different. When engineering an in-building solution, varying facility sizes, construction materials, and interior divisions raise a host of transmission and multipath considerations. When implementing a building-to-building solution, distance, physical obstructions between facilities, and number of transmission points involved must be accounted for.

Cisco is committed to providing not only the best access points, client adapters, and bridges in the industry—it is also committed to providing a complete solution for any wireless LAN deployment. That's why Cisco has the widest range of antennas, cable, and accessories available from any wireless manufacturer.

Figure 1 Cisco offers a complete range of antennas for client adapter, access point, and bridge equipment that enable a customized wireless solution for almost any installation.

Table 2 Cisco Aironet Access Point Antenna Features (continued)

				
Feature	AIR-ANT1728	AIR-ANT4941	AIR-ANT3549	AIR-ANT1729
Description	High gain omni-directional ceiling mount	2.2 dBi dipole antenna	Patch wall mount	Patch wall mount
Application	Indoor medium-range antenna, typically hung from crossbars of drop ceilings	Indoor omni-directional coverage	Indoor, unobtrusive, long-range antenna (may also be used as a medium-range bridge antenna)	Indoor, unobtrusive, medium-range antenna (may also be used as a medium-range antenna)
Gain	5.2 dBi	2.2 dBi	9 dBi	6 dBi
Approximate Indoor Range at 1 Mbps¹	497 ft. (151m)	350 ft.	Access Point: 700 ft. (213m) Bridge: 2.0 miles (3.2 km)	Access Point: 542 ft. (165m) Bridge: 1.1 miles (1.8 km)
Approximate	142 ft. (44m)	130 ft.	Access Point: 200 ft. (61m)	Access Point: 155 ft. (47m)

Indoor Range at 11 Mbps¹			Bridge: 3390 ft. (1032m)	Bridge: 1900 ft. (580m)
Beam Width	360° H 38° V	80 degrees	60° H 60° V	75° H 65° V
Cable Length	3 ft. (0.91m)	N/A	3 ft. (0.91m)	3 ft. (0.91m)
Dimensions	Length: 9 in. (22.86 cm) Diameter: 1 in. (2.5 cm)	5.5"	5 x 5 in. (12.4 x 12.4 cm)	4 x 5 in. (9.7 x 13 cm)
Weight	4.6 oz. (131g)	1.1 oz	5.3 oz. (150g)	4.9 oz. (139g)