Bridge Antennas

Cisco Aironet bridge antennas allow for extraordinary transmission distances between two or more buildings. Available in directional configurations for point-to-point transmission and omnidirectional configuration for point-to-multipoint implementations, Cisco has a bridge antenna for every application. (See Table 3.)

Table 3 Cisco Aironet Bridge Antenna Features




Feature	AIR-ANT2506	AIR-ANT24120	AIR-ANT1949	AIR-ANT3338
Description	Omnidirectional mast mount	High-gain omnidirectional mast mount	Yagi mast mount	Solid dish
Application	Outdoor short-range point-to-multipoint applications	Outdoor medium-range point-to-multipoint applications	Outdoor medium-range directional connections	Outdoor long-range directional connections
Gain	5.2 dBi	12 dBi	13.5 dBi	21 dBi
Approximate Range at 2 Mbps[1]	5000 ft. (1525 m)	4.6 miles (7.4 km)	6.5 miles (10.5 km)	25 miles (40 km)
Approximate Range at 11 Mbps[1]	1580 ft. (480 m)	1.4 miles (2.3 km)	2.0 miles (3.3 km)	11.5 miles (18.5 km)
Beam Width	360 H 38 V	360 H 7 V	30 H 25 V	12.4 H 12.4 V
Cable Length	3 ft. (0.91 m)	1 ft. (0.30 m)	3 ft. (0.91 m)	2 ft. (0.61 m)
Dimensions	Length: 13 in. (33 cm) Diameter: 1 in. (2.5 cm)	Length: 42 in. (103 cm) Diameter: 1.5 in. (3 cm)	Length: 18 in. (46 cm) Diameter: 3 in. (7.6 cm)	Diameter 24 in. (61 cm)
Weight	6 oz. (17 g)	1.5 lb. (0.68 kg)	1.5 lb. (0.68 kg)	11 lb. (5 kg)

1. All range estimations are based on use of 50 foot (15m) low-loss cable and the same type of antenna at each end of the connection under ideal outdoor conditions. The distances referenced here are approximations and should be used for estimation purposes only.