



Product Features

H1024 - 2.4 GHz H2024 - 2.4 GHz

Description

The Wade models H1024 and H2024 circular polarized helical antennas are enclosed with a polycarbonate radome for protection from the environment. Choose our anti-static coating for mining applications. The higher gain H2024 is available in right-turn or left-turn helix. Both models include a mast mount, and wall and ceiling mounting is also available as an accessory (CM-1). These antennas are ideally suited to harsh environments that have severe reflections from metal surfaces and water.

Application

Wi-Fi, ISM, RFID, VOiP, warehousing, tunnels, mining applications, elevator shafts, video surveillance, downtown corridors, parking lots, wireless security cameras.

ELECTRICAL SPECIFICATIONS

MODEL	H1024	H2024
FREQUENCY - GHz	2.4 - 2.5	2.4 - 2.5
GAIN - dBic	13.8	17.4
IMPEDANCE - Ohm	50	50
VSWR	1.5:1	1.5:1
F/B RATIO - dB	36	31
POLARIZATION	RHCP	RHCP
HPBW - °	35	24
TERMINAL TYPE	N Female	N Female
MAXIMUM INPUT POWER - W	50	50

MECHANICAL SPECIFICATIONS

MODEL	H1024	H2024
LENGTH - in (mm)	13.1 (333)	31.1 (795)
GROUND PLANE DIAM - in (mm)	5.5 (138)	5.5 (138)
HOUSING	Polycarbonate	Polycarbonate
WEIGHT	1.64 (0.74)	2.14 (0.97)
MOUNTING	1-5/8(40.6) Mast or Wall	1-5/8(40.6) Mast or Wall

Wade Antenna's ongoing policy of continuing development may result in specification changes to its products.