



**H1024**



**Mounting Detail**

## HELICAL ANTENNAS

- H1024-2.4 GHz
- H2024-2.4 GHz

### DESCRIPTION

The Wade models H1024 and H2024 are circular polarized antennas, available in right-turn or left-turn helix. The antennas are enclosed with a plastic radome for protection from the environment. These antennas can be mounted to a mast. As well, wall and ceiling mounts are also available as an accessory (CM-1). This antenna is 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.

## SPECIFICATIONS

### Electrical

MODEL	H1024	H2024
Frequency	2.4 - 2.5 GHz	2.4 - 2.5 GHz
Gain	15 dBi	18 dBi
Impedance	50 Ohm	50 Ohm
VSWR	1.5:1	1.5:1
F/B Ratio	>20 dB	>20 dB
Polarization	RHCP standard	RHCP standard
HPBW "E" plane	25 degrees	19 degrees (approx)
HPBW "H" plane	26 degrees	20 degrees (approx)
Terminal Type	N female	N female
Maximum Input Power	50 watts	50 watts

### Mechanical

MODEL	H1024	H2024
Length	12.13"	30" (approx)
Ground Plane	5.5" diameter	5.5" diameter
Housing	Polycarbonate	Polycarbonate
Weight	1.75 lbs.	2.5 lbs.
Mounting	1-5/8" O.D. Mast or Wall	1-5/8" O.D. Mast or Wall

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

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