



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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