



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 | 1.1 (0.5) | 1.6 (0.73) |
| 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.