

Product code: IH-G07-F2425-V

Each interline product is designed to perform in a variety of environments. Implementing the antenna system can greatly improve coverage and performance. To optimize the overall performance of a wireless LAN, it is important to understand how to maximize radio coverage with the appropriate antenna selection and placement.

electrical

Frequency (min)	2 400MHz
Frequency (max)	2 500MHz
Gain	a. 7dBi
VSWR (max)	2.00:1
Polarization	Vertical
Half Power Beam Width (-3dB) - horizontal	a. 360°
Half Power Beam Width (-3dB) - vertical	a. 24°
XPD (Cross Polarization Discrimination)	>18dB
Max Composite Power	50W
DC Ground	yes
Impedance	50Ω

mechanical

Connector	N female
Mounting Diameter	∅ 38...51mm
Dimensions (excl. mount)	360x26mm
Weight (incl. mount)	0.28kg

environmental

Environment	Outdoor, Indoor
Windload	130km/h
IP Rating	IP64
Temperature	-30°C ... 80°C

compliance



Installation tips:

Fine adjustment of the antenna ensures the correct propagation of radio signals. Proper installation of the mast, antenna and cable provide a stable and proper operation of the antenna installation. Horizon series antennas can be mounted under the ceiling (vice versa) with the cable or jack upside down

- Level mast or boom using a bubble leveler.
- Assemble the antenna mount as on drawing.
- Level mast or boom using a bubble leveler.
- Assemble the antenna mount as on drawing.
- Mount antenna on the mast.
- Level the mast or boom, check antenna vertical position.
- Vent holes should be located at the bottom of the antenna.
- Screw the antenna to the mast, leaving slack in the adjustment of direction and inclination.
- Determine the direction and inclination.
- Finally tighten the mounting screws.
- Connect cable and insulate antenna connector.
- Fasten cable to the mast or boom.
- It is worth to note achieved link parameters.

