



HORIZON 868 HELIUM

omnidirectional antenna
HORIZON 868 Helium LoRaWan 8dBi
 IH-G08-F8688-V2 860-880MHz

CLASSIC



Now, an even better version of the excellent HORIZON 8 868 MHz antenna.

Fits the following miners:

electrical	
Frequency (min)	860MHz
Frequency (max)	880MHz
Gain	a. 8dBi
VSWR (max)	2.00:1
Polarization	Vertical
Half Power Beam Width (-3dB) - horizontal	a. 360°
Half Power Beam Width (-3dB) - vertical	a. 15°
XPD (Cross Polarization Discrimination)	>20dB
Max Composite Power	500W
DC Ground	yes
Impedance	50Ω

mechanical	
Connector	N female
Mounting Diameter	ø 38 ... 51mm
Dimensions (excl. mount)	860x26
Weight (incl. mount)	0.47kg

environmental	
Environment	Outdoor
Windload	160km/h
IP Rating	IP67
Temperature	-40°C ... 80°C



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 the mast or boom using a spirit level.
- Assemble the antenna holder as shown in the drawing.
- Screw the antenna to the mast or boom.
- Level the antenna using a spirit level.
- Tighten the mounting bolts securely.
- Screw the cable down and insulate the antenna connector with self-amalgamating tape.
- Attach the cable to the mast / boom.
- It is worth making a note of the obtained link parameters.

