

INVENGO

XC-AF802-BEN-A(B)



About Invengo's XC-AF802-BEN-A(B) Antenna

XC-AF802-BEN-A (B) circular polarization series antenna, small size but excellent performance, working frequency range covers 865MHz ~ 868MHz frequency band, according to different product models, RF connector installation method can choose side out or back out.

This series of antennas through careful design, good protection, excellent RF performance, beautiful appearance. Due to the small size, the installation method is flexible and it is not susceptible to damage. It is suitable for smart retail, digital warehouse management, logistics management and other fields.



Invengo – The global leading RFID and IoT solution provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID and HF/NFC connectivity solutions and consumables (tags & inlays) utilized in the Internet of Things. With a focus on RFID innovation, Invengo has created a leading product line in retail, library, (public) transportation, healthcare, and many other industries.

Invengo Technology Pte. Ltd. (SG) is the International Headquarters of Invengo Information Technology Co., Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 700 people globally, Invengo is one of the largest publicly traded, RFID / IoT oriented companies in the world.

Features

- Circular polarization
- High performance and high protection
- Beautiful appearance and light weight

Application

- Smart retail
- Digital warehouse management
- Logistics management and other fields

Product Specifications

Performance Parameter

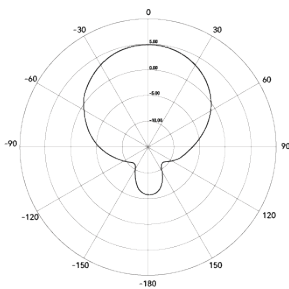
Operating Frequency	865MHz~868MHz
VSWR	≤1.5:1
Impedance	50Ω
Gain	5dBi
Polarization mode	Circular polarization
RF connector	SMA-K type connectors
HPBW	E: 100°, H: 100°
Degree of protection	IP65

Environment

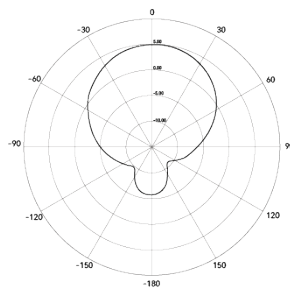
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Humidity Range	≤95%RH

Physical Parameters

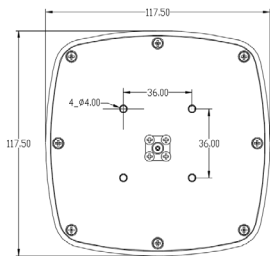
Size	117.5mm×117.5mm×23.5mm
Weight	0.16kg
Radome material	Modified ASA
Installation	Bracket mounting/Screw fastening



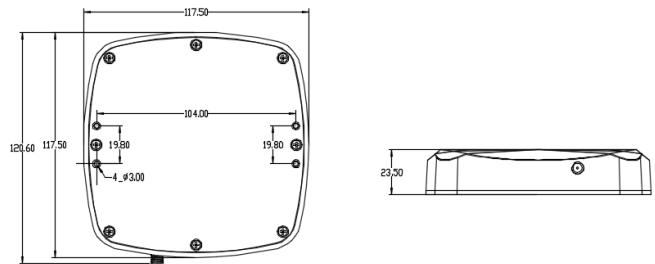
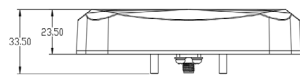
E-Plane HPBW



H-Plane HPBW



XC-AF802-BEN-A Type antenna appearance dimension drawing



XC-AF802-BEN-B Type antenna appearance dimension drawing

All Features and specifications described are subject to change without notice.

APAC / EMEA

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