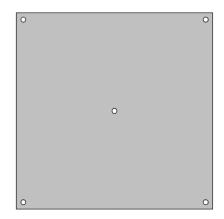


# INVENGO XC-AF620



## About Invengo's XC-AF620 Antenna

XC-AF620 Antenna circular polarization antenna's working frequency range covers the 902MHz ~ 928MHz frequency band. The antenna has a careful design, good protection, excellent RF performance, and a beautiful appearance. 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 gain, high protection
- Beautiful and lightweight

## **Application**

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



## **Product Specifications**

#### **Performance Parameter**

**Operating Frequency** 902MHz~928MHz

VSWR ≤1.3:1 Gain 5dBi H-Plane HPBW  $78^{\circ}$  E-Plane HPBW  $78^{\circ}$ 

**Polarization** Circular-polarization

Impedance  $50\Omega$ 

**Connector** MMCX - JW type connector

#### **Environment**

Operating Temperature $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ Storage Temperature $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ Operating Humidity $\leq 95\%\text{RH}$ 

#### **Physical Parameters**

 Length
 140mm(5.51in)

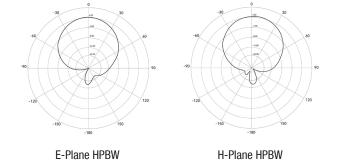
 Width
 140mm(5.51in)

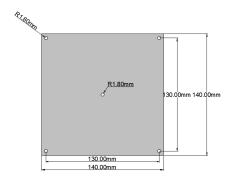
 Thickness Excluding Connector
 6.7mm(0.264in)

Weight 0.2kg Material PCB

**Installation** Adhesive backing or screw

installation





XC-AF620 Type antenna appearance dimension drawing

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

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