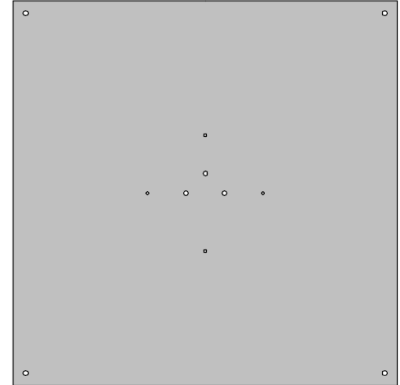


INVENGO XC-AF618



About Invengo's XC-AF618 Antenna

XC-AF618 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

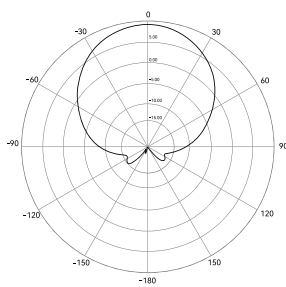
Operating Frequency	902MHz~928MHz
VSWR	≤1.3:1
Gain	5dBi
H-Plane HPBW	60°
E-Plane HPBW	60°
Polarization	Circular-polarization
Impedance	50Ω
Connector	MMCX - JW type connector

Environment

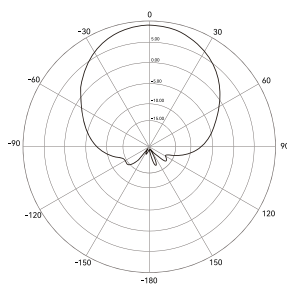
Operating Temperature	-40°C ~ +85°C
Storage Temperature	-40°C ~ +85°C
Operating Humidity	≤95%RH

Physical Parameters

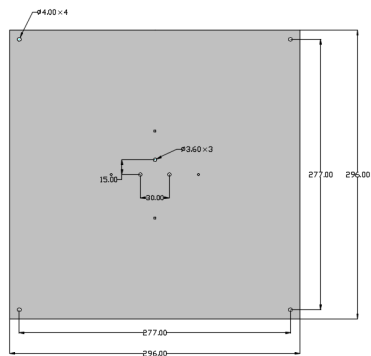
Length	296mm(11.65in)
Width	296mm(11.65in)
Thickness Excluding Connector	6.6mm(0.26in)
Weight	0.2kg
Material	PCB
Installation	Adhesive backing or screw installation



E-Plane HPBW



H-Plane HPBW



XC-AF618 Type antenna appearance dimension drawing

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

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