

INVENGO

XC-AF812-A/B



About Invengo's XC-AF812-A/B Antenna Technology Specification

XC-AF812 is a RAIN RFID antenna with circular polarization. It adopts new structure and design which covers frequency band from 902MHz-928MHz. The antenna is allowed to used in regions where adopt CN and FCC standard. Featured with high gain(>7.15dBi) and high read speed of RFID tags, it can be applied on access control, warehouse management, asset management, logistics management, retail and etc.



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

- Designed for RAIN RFID application
- Cover the frequency bands to abide by CN&FCC
- High gain:>7.15dBi
- Small size and exquisite workmanship

Application

- Access Control
- Warehouse management
- Asset management
- Logistics management
- Retail

Product Specifications

Performance Specifications

Operating Frequency	902MHz to 928MHz (CN&FCC)
VSWR	≤1.3:1
Gain	>7.15dBi
H-Plane HPBW	60°
E-Plane HPBW	60°
Polarization	Circular
Impedance	50Ω
Connector	Type N(XC-AF812-A) SMA-C-KY3(XC-AF812-B)

Environment Specifications

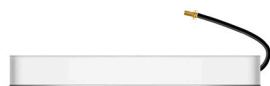
Operating Temperature	-20°C to +50°C
Storage Temperature	-20°C to +50°C
Humidity Range	20% to 90%RH

Physical Specifications

Dimension	258mm X 258mm x 27.0mm
Weight	0.7Kg
Case Materials	ABS+PC
Installation	Mounting bracket/screws



XC-AF812-A Antenna Technology Specification



XC-AF812-B Antenna Technology Specification

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

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