

INVENGO XC-AF47 ULTRA SLIM ANTENNA



About Invengo's XC-AF47 Ultra-Slim Desktop Antenna

Invengo's XC-AF47 RAIN RFID antenna uses an innovative structure and antenna design that gives it an ultra slim body with a uniform surface radiation field distribution. Equipped with special antenna design optimization techniques - it ensures accurate reading zone and greatly reduces false positive detection on tags outside the zone. The XC-AF47 is an ideal choice for POS solutions, in Retail, Warehouse Management, Libraries and many other environments.



Invengo – the global RFID technology 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, (industrial) laundry, library, (public) transportation, healthcare, and many other industries.

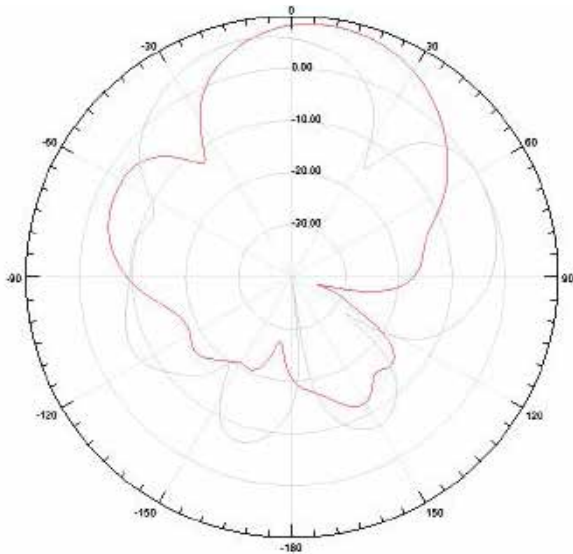
Invengo Technology Pte. Ltd. (SG) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID / IoT oriented companies in the world.

Features

- Operating Frequency 902 ~ 928 MHz
- Superior near field performance
- Leading reading zone control with evenly distributed reading area extending to the edge of the antenna
- Ultra-Slim and elegant design
- Circular Polarization
- 0 to 3 meters reading range

Note: Product features and specifications are subject to change without notice

Radiation Pattern



Product Specifications

Performance Parameter

Operating Frequency	902 ~ 928 MHz
VSWR	≤ 1.3
Gain	5 dBi
Polarization	Circular
Antenna Impedance	50 Ω
Connector	SMA (female)

Environmental

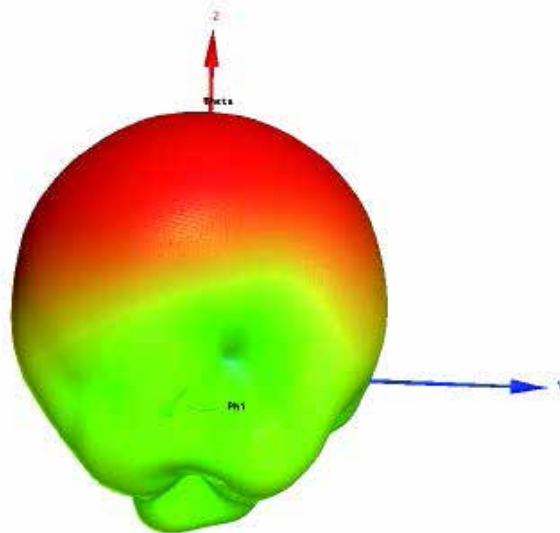
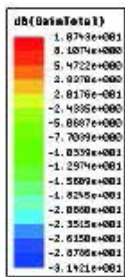
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-20°C to 50°C (-4°F to 122°F)
Humidity Range	20% ~ 90% RH

Physical Parameters

Dimensions	450 x 300 x 8,3 mm 17.72 x 11.81 x 0.33 in
Weight	-

Models

ID	XC-AF47 (902~928MHz)
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