

INVENGO

XC-ST900-R1

ULTRA RUGGED



About Invengo's XC-ST900-R1 Ultra Rugged Antenna

Invengo XC-ST900-R1 antenna offers high gain, ultra ruggedness and excellent shock, vibration, acid and mildew resistance in a unique design. The XC-ST900-R1 linear polarized antenna is ideal for transportation, land & sea logistics and vehicle tracking applications.



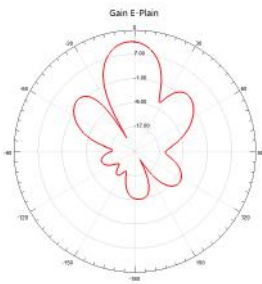
Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID and HF/NFC connectivity solutions and consumables (tags & inlays) utilized in the Internet of Things. With a focus on RFID innovation, Invengo has created a leading product line 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.

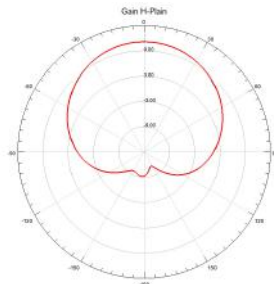
Features

- Operating Frequency 902 ~ 928 MHz
- High gain
- Excellent acid and mildew resistance
- Linear Polarization
- Low VSWR
- Protection Level: IP67
- Durable and clean design
- Simple installation and maintenance

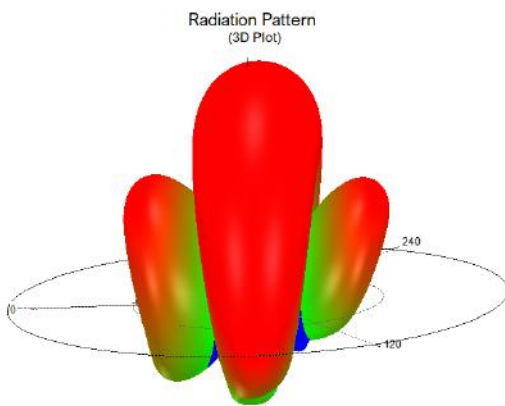
Radiation Pattern



E Phase



H Phase



Radiation Pattern

Product Specifications

Performance Parameter

Operating Frequency	902 ~ 928 MHz
VSWR	≤ 1.2:1
Gain	9.6 dBi
H-Plane HPBW	90°
E-Plane HPBW	27°
Polarization	Linear
Antenna Impedance	50 Ω

Environmental

Operating Temperature	-40°C to 70°C (-40°F to 158°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity Range	5% ~ 95% RH
Protection Level	IP67

Physical Parameters

Dimensions	610 x 156 x 50 mm 24 x 6 x 2 in
Weight	Approx. 3,8 kg / 8.4 Lbs
Case Material	Glass Reinforced Plastic, Aluminium

Models

ID	XC-ST900-R1-FCC
-----------	-----------------

APAC

Invengo Technology Pte. Ltd

10 Kallang Avenue
#05-15 Tower 2, Aperia
Singapore 339510

Office: +65 6702 3909
sales.apac@invengo.com

Americas

Invengo Technology Corp.

2700-160 Sumner Blvd.
Raleigh, NC 27616
United States of America

Office: +1 919 890 0202
sales.americas@invengo.com

EMEA

Invengo Technologies

180 Voie Ariane – Athélie 1
13600 La Ciotat
France

Office: +33 413 96 1111
sales.emea@invengo.com