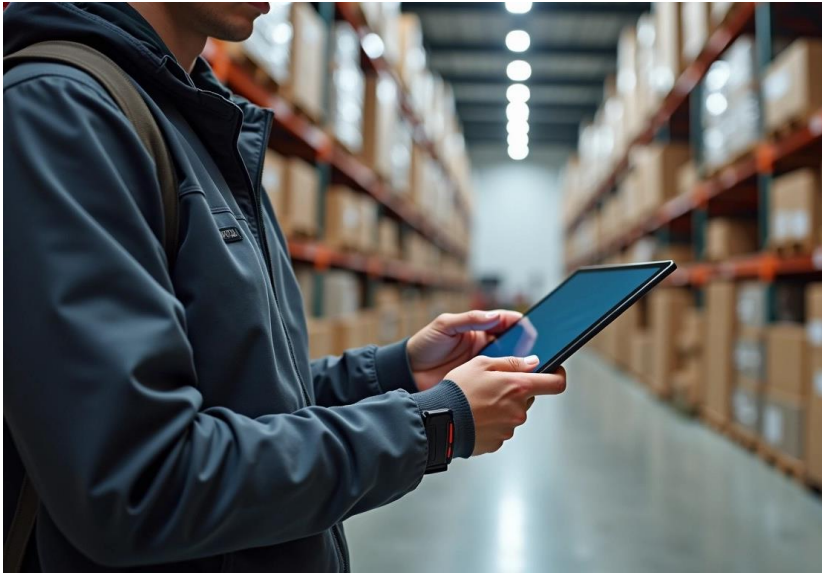


Powerful Antenna for Demanding Applications



UHF RFID Antenna



0- 30m
Read Range*



Reads in any
tag orientation



Freq.
865-867 MHz

Extended Range, Unmatched Efficiency, Smart Investment!

Experience a breakthrough in RFID technology with our advanced UHF RFID antenna, designed to surpass traditional limitations. Engineered for **extended range, enhanced accuracy, and seamless operational efficiency**, this cutting-edge solution empowers businesses with **unparalleled reliability and adaptability** across diverse applications.

Our **high-performance RFID antenna** ensures **effortless deployment, exceptional durability, and cost-effective operation**, delivering a **faster return on investment**. With compliance to industry regulations and a lightweight yet **rugged build for long-term endurance**, it provides the perfect balance of aesthetics and strength.



Smart Investment



UHF RFID



Waterproof



Simple

Model: REFLECTA™ - EKA-F867

Size: 195 x 195 x 20 mm

Range : Short & medium applications

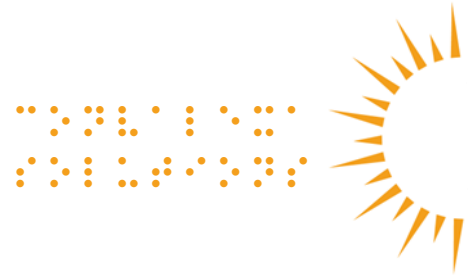
Gain: 7.5 dBic min to 9.5 dBic max

Weight: 450 gm.

Connector: 1 N type Female (jack)

Applications:

Vehicle Tracking, ETC / Toll Plaza, Warehouse Loading Bay, Gate Readers, Personnel Tracking, Asset Tracking and many more.



Technical Specifications

Antenna Model: REFLECTA™ - EKA-F867 **Range:** Short & medium applications

Electrical

Frequency	865 – 870 MHz (IN & EU Supported)	
Gain	7.5 dBic minimum to 9.5 dBic maximum	
VSWR	1.5:1 max , 1.4:1 typ	
Azimuth	3 dB Beam Width	72° typ
Elevation	3 dB Beam Width	60° typ
Polarization	RHCP	
Input Impedance	50 ohm	
Input Power	6 W max	
Lightning Protection	DC Grounded	

Mechanical & Environmental

Dimensions	L x W x D	195 x 195 x 20 mm max
Orientation	Square	
Weight	450 gm	
Connector	1 x N-Type Female (jack)	
Radome	Plastic	
IP Rating	IP65	
Base Plate	Aluminium	
Temperature	-20 °C to 60 °C	

Accessories:

1. Mounting Bracket
2. 5 meters Cable HLF200 N-Type Male to SMA Male Connector (optional)



This document and its information are private and confidential to Convalexa Solutions LLP. No one can copy, share, or use any part of it without Convalexa Solutions LLP's written permission. Sharing or allowing others to use it is also not permitted unless Convalexa Solutions LLP gives clear approval.