

# UHF RFID Antenna Specification

HYN510



## Brief Introduction

This product can connect with HYR series separated readers and modules, has the function of data collection, and can be used widely in many kinds of RFID system, the typical applying situation is like the following indicated:

The antenna is suitable for all kinds of sports race timing system, for example Mountain bicycle and normal bicycle race, Malathion race, Motorcycle race, rally race etc...

## Capability specifications

Model	HYN510
Frequency Range	ISM902~928MHz, 865~868MHz
Gain	8 dBic
Horizontal Beamwidth-Azimuth(3dB)	60°
Vertical Beamwidth-Azimuth(3dB)	60°
Front-back Ratio	>20dB
Polarization	Circular polarization
Input Impedance ( $\Omega$ )	50
VSWR	<1.3
Maximum Input Power (W)	20
Connector	TNC male
Axial Ratio(dB)	2
Lightning Protection	Direct Ground
Dimensions(mm)	1260*500*30
Weight	8kg
Radom Material	Rubber
Working Temp	-30°C~80°C
Ingress Protection	IP67