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## YAP-102CP

The YAP-102CP antenna is a UHF RFID circularly polarized antenna designed to operate for the 902 MHz to 928 MHz frequency range. The distribution of the UHF energy radiates in a symmetrical pattern to provide optimum performance to read UHF RFID tags that come in different orientation.

The antenna is 200(L)\*180(W)\*31.5(H) mm in size, making it easy to be mounted directly to interior and exterior wall surfaces. It will work suitably into both indoor and outdoor environments as it is water-proofed and dust-proofed.

Simple and contemporary in design, the YAP-102CP antenna is perfect for supply-chain applications where circular polarizations are required. Typical applications include production and assembly lines, inventory controls, cargo logistics and airline baggage management.

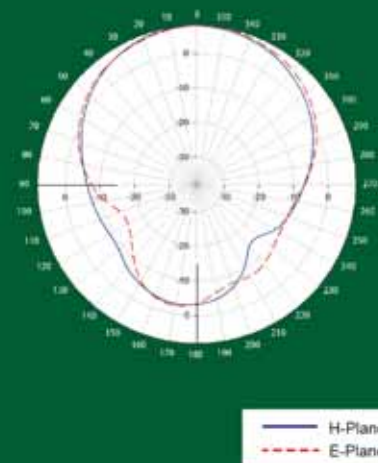
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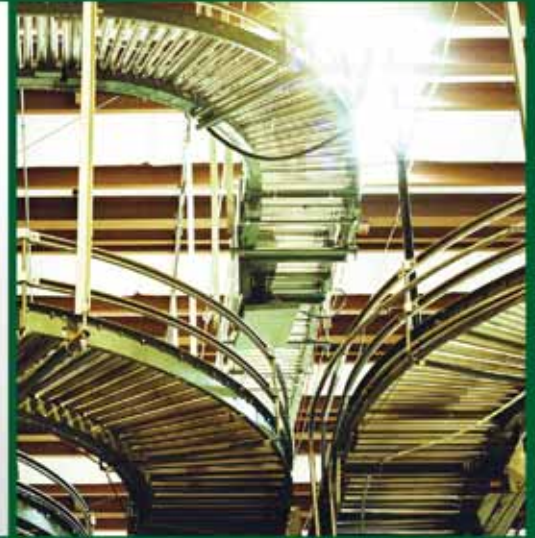
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- Interoperable to frequencies 902 MHz to 928 MHz
- Optimum to read tags in all orientation
- Suitable for both indoor and outdoor uses
- Applicable to production and assembly lines, inventory controls and so on

### Radiation Pattern

Example : 915 MHz





## YAP-102CP

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### Specification Chart

Operating Frequency	902~928 MHz
Impedance	50Ω
VSWR	≤ 1.2
Gain	7dBic
Polarization	Right Hand, Circular
Front/Back Ratio	10dB
Radiation Pattern	Directional
HPBW (3dB Beam Width)	≥ 77°@E-plane , ≥ 69°@H-plane
Operating temperature	-20°C ~ 65°C
Connector	SMA Jack
Input power	10W(Max)
Dimensions	200x180x31.5mm
Water Proof	IPX5
Weight	368.5g

### Size and Diagram

Unit : mm/in

