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UHF RFID Antennas Solutions

Boost your product efficiency
for a wide range of applications.

- Accurate
- Visibility
- Higher Efficiency

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Boost your product efficiency with
UHF RFID Antenna Solutions

unitech's antenna portfolio delivers the next level of UHF RFID solutions that covers all transmission ranges and types to meet the industrial applications. It solves the problem of tracking large quantities of products in the warehouse, logistics, manufacturing, retail and intelligent transportation.

Accurate | Visibility | Higher Efficiency

unitech goes beyond the expectations of users allowing them to better manage big data in ever more innovative ways.

Utilizing these products, industry applications can be divided into these major categories:

Smart warehousing & logistics
- Automated shipment tracking system
- Warehouse inventory
- Asset tracking management

Smart manufacturing
- Conveyor belts
- Supply chain management

Smart retail
- Smart shelves
- Counter checkout
- Anti-Theft Gates

Intelligent transportation & cold chain management
- Fixed portal
- Parking lot management
- Cold chain data monitoring

ANP100

1-port RFID Antenna

ANP100 is a 1-port RFID antenna with right-hand circular polarization. Featuring a compact design, it is flexible to be integrated into warehouse racks and smart shelves. This device has IP65 rating certification, completely sealing durable housing against indoor or outdoor environments.

Smart Shelves

Inventory Racks

Forklift Mount

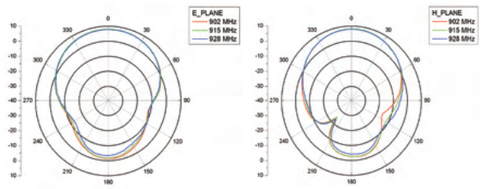
Feature

- Lightweight & convenient installation
- Available in right hand circularly polarization
- Waterproof: IP65 rating
- +8 dBi Gain
- SMA connector
- Outdoor and indoor applications

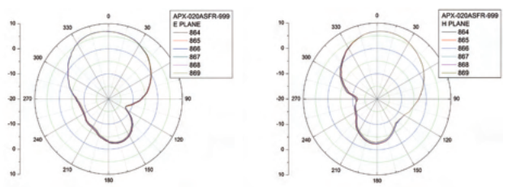
ANP100 Specification

Polarization	Right-Hand Circular
Dimensions	180 * 200 * 31.5 mm
Connector	SMA Jack
Cinnector Location	Bottom
Weight	0.4 KG
Frequency Range	US: 902 - 928 MHz ; EU: 865 - 868 MHz
VSWR	Less than 1.5 : 1
Gain	8 dBi
Impedance	50 Ω
Operating Temperature	-20°C ~ 60°C
IP Sealing	IP65
What comes in the box	1 unit in a box
SKUs	205367G (US); 205488G (EU)
Accessories	For RS804 3 M RF Cable: SMA male to RP TNC male (PN#1550-905894G) 10 M RF Cable: SMA male to RP TNC male (PN#1550-905895G) For RS200 3 M RF Cable: SMA male to RP SMA male(PN#1550-900102G) 15 M RF Cable: SMA male to RP SMA male (PN#1550-905898G)

US



EU



ANP300

1-port RFID Antenna

ANP300 is a 1-port RFID antenna with right-hand circular polarization. Its IP66 rating and wide operating temperature design ensures stable performance in a challenging environment. It is suitable for applications in parking lot management, asset tracking management and cold chain data monitoring.

Parking lot Management

Asset Tracking

Cold chain Data Monitoring

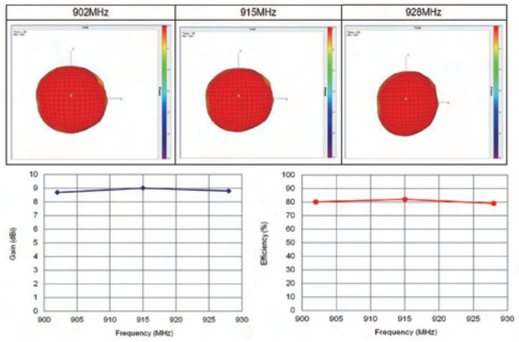
Feature

- Wide operating temperature ：-40°C ~ 85°C
- Available in right hand circularly polarization
- Waterproof: IP66 rating
- +9 dBi Gain
- N Jack connector
- Outdoor applications

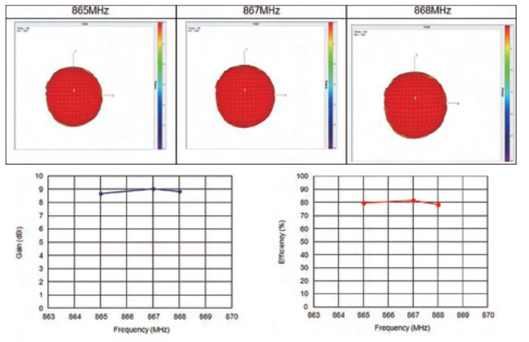
ANP300 Specification

Polarization	Right-Hand Circular
Dimensions	260 * 260 * 44mm
Connector	N Jack
Cinnector Location	Bottom
Weight	0.9 KG
Frequency Range	US: 902 - 928 MHz ; EU: 865 - 868 MHz
VSWR	Less than 1.5 : 1
Gain	9 dBi
Impedance	50 Ω
Operating Temperature	-40°C ~ 85°C
IP Sealing	IP66
What comes in the box	1 unit in a box
SKUs	4060-900007G (US) ; 4060-900008G (EU)
Accessories	For RS804 3 M RF Cable: N male to RP TNC male (PN#1550-905912G) 10 M RF Cable: N male to RP TNC male (PN#1550-905913G)

US



EU



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