

## UHF Near-Field Antenna Circular Polarization



Model : SID-ANT-U10CP-3030

Size : 300 x 300 x 6 mm

Weight : 300 g

### GENERAL DESCRIPTION

SID-ANT-U10CP-3030 is a high performance UHF RFID near-field circular polarization antenna. It can be widely applied in many RFID application systems such as Jewelry Management, Logistics Inventory, Access control, anti-counterfeit and industrial production process control system, RFID New Retail and so on.

### ABSOLUTE MAXIMUM RATING

ITEM	SYMBOL	VALUE	UNIT
Operating Temp.	T <sub>OPR</sub>	-20~+60	°C
Storage Temp.	T <sub>STR</sub>	-40~+70	°C

### SPECIFICATIONS

ITEM	COMMENT
Frequency range*	860 ~ 868 MHz / 902 ~ 928 MHz
Gain	-10 dBi
Polarization	Circular Polarization
Connector	SMA-Male (provide other connector for choice)
Working Field	0.1A/m (up to 30cm above to antenna, the working filed depends on tag/label, reader and working environment)
Nominal Impedance	50 Ω
Radome Material	High strength plate
Packing Size	310 x 310 x 25 mm
Gross Weight	500g

\*Other frequency range is optional.

### Provide customized size in reasonable range.

Remark:

1. Specifications are subject to change, please pay attention to our latest one.
2. Smart Identify Ltd. reserves the right to the final interpretation of the above terms.