

## UHF 12dbi Antenna Linear Polarization



Model : SID-ANT-U12LP-1201

Size : 445 x 445 x 40 mm

Weight : 1950 g

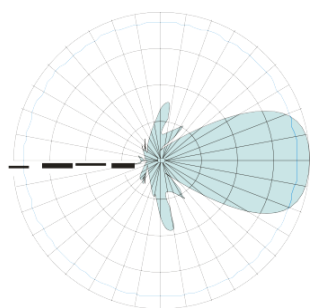
### GENERAL DESCRIPTION

SID-ANT-U12LP-1201 is a high performance UHF RFID antenna. It can be widely applied in many RFID application systems such as logistics, access control, anti-counterfeit and industrial production process control system.

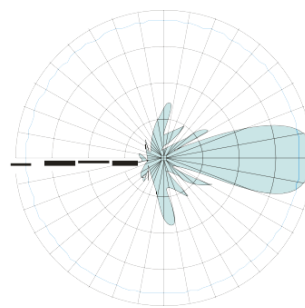
### SPECIFICATIONS

ITEM	COMMENT
Frequency range*	920 ~ 925 MHz
Gain	12 dBi
Polarization	V / H
Connector	N-Female
Bandwidth	26MHz
Beam Width	39°
V.S.W.R	$\leq 1.3$
F/B Ratio	$\geq 28$
Nominal Impedance	50 $\Omega$
Maximum Power	100 W
Lightning Protection	DC ground
Radome Material	ABS
Reflector material	Aluminum Alloy
Installation Pole Diameter	$\phi 40 \sim \phi 80$ mm
Rated Wind Velocity	60 m/s
Operating Temperature	-40 ~ 70°C
Packing Size	600 x 480 x 110 mm
Gross Weight	3950g

\*Other frequency range is optional.



H-plane



E-plane

**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.