

12dbi Circular Antenna N-Female



UHF
Reader

Model : SID-ANT-U12CP-1201

Size : 445x445x55 mm

Weight : 2000g

General description

SID-ANTU12CP-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.

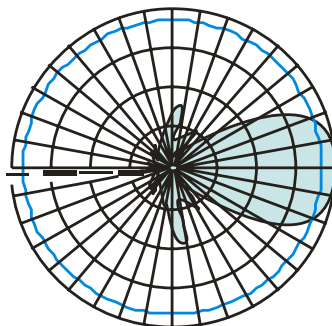
Absolute maximum rating

ITEM	SYMBOL	VALUE	UNIT
Operating Temp.	T _{OPR}	-20~+60	°C
Storage Temp.	T _{STR}	-40~+70	°C

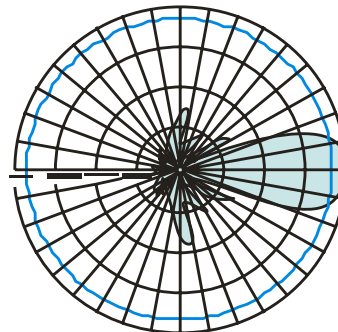
Specifications

ITEM	COMMENT
Frequency range*	920~925 MHz
Bandwidth	26MHz
Gain	12dBi
Beam Width	39°
V.S.W.R	≤1.3
Max Power	100W
Nominal Impedance	50 Ω
Polarization	V/H
Connector	N-Female
F/B Ratio	≥28
Lightning Protection	Direct ground
Cover for Antenna	ABS
Max Wing Velocity	60 m/s

*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 Co., Ltd. reserves the right to the final interpretation of the above terms.