

UHF RFID 7dBi Circular Polarization Antenna



Model: RR-UANT-1616C

Size: 165mmx165mmx20mm

Weight: 400g

GENERAL DESCRIPTION

RR-UANT-1616C 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, RFID New Retail, RFID Intelligent Cabinet.

ABSOLUTE MAXIMUM RATING

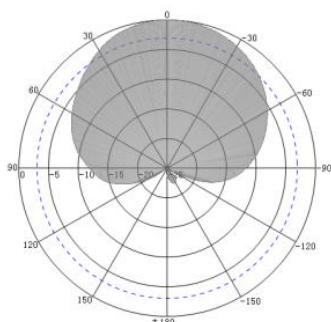
ITEM	SYMBOL	VALUE	UNIT
Operating Temp.	T _{OPR}	-20~+60	°C
Storage Temp.	T _{STR}	-40~+60	°C

SPECIFICATIONS

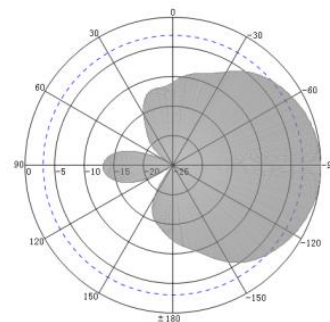
ITEM	COMMENT
Frequency*	902-928MHz
Gain	7dBi
Polarization	Circular
Connector	SMA-Female
Beam width	Hor: 80° Ver: 70°
VSWR	≤1.4
F/B Ratio	≥20
Impedance	50 Ω
Maximum power	100W
Lightning protection	DC Ground
Radome materia	ABS
Waterproof Rate	IP65

*Other frequency range is optional.

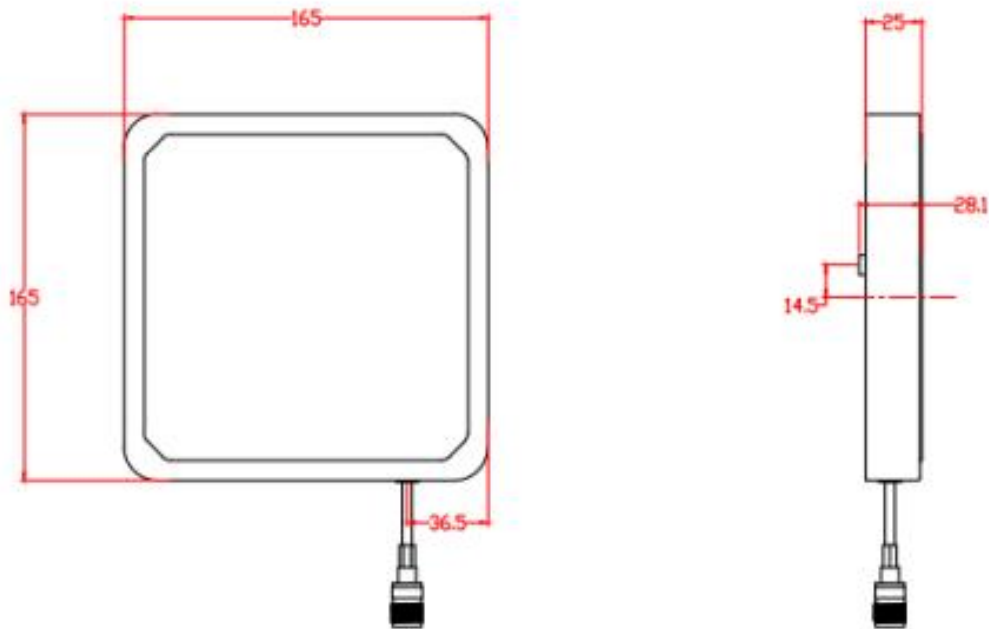
LOBE DIAGRAM:



915MHz H-Plane



915MHz E-Plane

MECHANICAL DATA (UNIT: mm)**Remark:**

1. Specifications are subject to change, please pay attention to our latest version.
2. Shenzhen RoyalRay Science and Technology Co., Ltd. reserves the right to the final interpretation of the above terms.