



## RFID UHF Antenna STA AN07C7 / AN12L7

Antenna is a important part of RFID, main Function is transmitting signal between Reader and tag, we supply ascendant performance UHF antenna which is able to meet many different kind of application requirement. When it works with our fixed reader, it can be more accurate, fast and efficient to read tag data.



### Technical Parameter

Model	STA AN12L7	STA AN07C7
Frequency	ISM902~928MHz ISM865~868MHz	ISM902~928MHz ISM865~868MHz
Gain	12dBi	7dBi
Horizontal -3db beam width	40	68
Vertical -3db beam width	39	68
Front-Back	> 25dB	> 25dB
Polarization	Linear Polarization	Circular Polarization
Input Impedance( $\Omega$ )	50	50
Voltage standing wave ratio	<1.4	<1.3
Power Capacity(W)	500	500
Connector	N	N
Third order intermodulation	<-150dBc	<-150dBc
Lightning Protection	DC to ground	DC to ground
Size	440x440x50mm	240x240x30mm
Weight	4.25kg	1kg
Antenna Material	ABS/glass fiber reinforce plastic	ABS/glass fiber reinforce plastic
Wind speed protection	120km/h	120km/h
Work Temp.	-25°C~+85°C	-25°C~+85°C

