

Yanzeo Antenna
902-928MHz 12dBi circular polarized RFID Antenna

Version: V3.0

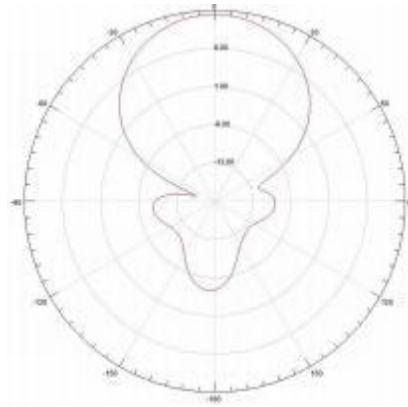
Electrical specifications		
General	Working frequency (MHz)	902-928
	Polarization mode (°)	circular polarized
	Electrical Downtilt (°)	0
Circuit	Voltage standing wave ratio of each radiation port	≤1.3
	3rd Order IMD (dBm , @2×43dBm)	/
	Average power tolerance (W)	≥100
	Isolation degree (dB)	/
Radiation parameters	Horizontal half power beamwidth (°)	45±3
	Vertical half power beamwidth (°)	45±3
	gain(dBi)	12
	Cross polarization ratio (dB, axial)	/
	Cross polarization ratio (dB, within ± 60 ° range)	/
	Front to back ratio(dB , 180°±30°)	≥25
	Upper sidelobe suppression(dB)	≤ 15



Mechanical indicators	
Interface model	N- K (Back straight out)
Antenna size (mm)	450*450*40
Packing size (mm)	480*480*110
Antenna weight (kg)	2.6
Weight of installation accessories (kg)	0.5
Radome material	high quality ABS
Pole diameter (mm)	Φ20~Φ80
Extreme wind (km/h)	200
Ambient temperature(°C)	Working temperature: -40~+60; Extreme temperature: -55~+75
Lightning Protection	DC Ground
Waterproof grade	IP65
Grade	Commercial Edition



Horizontal beam width



Vertical beam width