





RFO-CW4545 High performance UHF antenna Circular polarized

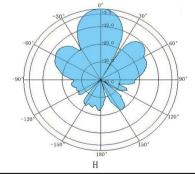
DATA SHEET

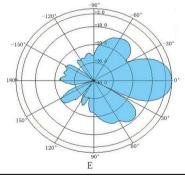
Product Description	RFO CW4545

High Performance MULTI-PURPOSE ANTENNAS

UHF RFID antennas suitable for a range of applications including flush wall & door frame mounting, space constrained and customer facing environments. Ultra-low profile circular polarized flat panel antenna, suitable for both indoor & outdoor use with a read range up to 15m.

Characteristics		
Operating Frequency	902-928MHz / 865-868MHz ± 5 MHz	
Standards	ETSI & FCC	
Gain	up to 15 dBi	
Polarization Type	RHCP	
RFID Standards	IEC / ISO 18000-6c	
Read range	up to 15 m depending on tag and environmental conditions	
Dimensions H*W*D (mm)	445*445*30(mm)	
Weight	2.66kg (with mounting bracket)	
3dB Beam-Width. H-Plan	40°	
3dB Beam-Width. E-Plan	38°	
VSWR	≤1.3	
Front to back Ratio	≥17dB	
Input Impedance	50Ω	
Connector Type	N-Type Female	
Radome Material	ABS	
Operating Temperature	-40°C/+60°C	
Sealing	IP67	





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Typical Applications

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POS	Library
Industry and laboratory	Automotive
bio/chemistry/forensic/pharmacy/environment	Pocess control, QS & monitoring
Health care	Pharma industry