



**RFO CPA3030
Circular polarized
UHF antenna**

DATA SHEET

Product Description		RFO-CPA3030	
<p>SLIMLINE 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 6m/19ft.</p>			
Characteristics			
Operating Frequency	865-870 MHz		
Standards	ETSI or FCC		
Gain	8.5 dBic (min) , 9.5 dBic (max)		
Polarization	RHCP		
Azimuth 3 dB Beam width	65° (typ)		
Elevation 3 dB Beam width	65° (typ)		
RFID Standards	IEC / ISO 18000-6c		
Read range	up to 6 m / 19,5ft. depending on tag and environmental conditions		
Impedance	50 Ohm		
Input Power	6Watt (max)		
Size	305 x 305 x 25 mm (max)		
Connector	N-TYPE Female		
Orientation	Rectangular		
Weight	1,2 kg		
Water / Dust resistance	IP67		
Temperature cycling	-45°C +70°C 3 Cycles		
RoHs, CE Compliance	YES		
Article no:			
Article no:	RFO-CPA3030		
Typical Applications			
POS	Library	Pharma industry	Health care
Industry and laboratory	Automotive		
bio/chemistry/forensic/pharmacy/environment	Process control, QS & monitoring		



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