



This active RFID circular polarized patch antenna is typically useful for its unique directional properties and is well-suited for applications where a direction RF reception field is required.

This active RFID circular polarized patch antenna operates at the frequency of 433MHz. It conforms to ETS 300 019 standard and can be mounted inside a drywall construction or behind wood paneling, glass or other non-RF shielding materials; it also can be painted with non-metallic paint. With UV resistant finish, this compact antenna can withstand various harsh operating environments. Additionally, the active RFID antenna works well even at temperatures as low as -40°C and offers a five meter long cable for signal transmission and reception.

Applications

- ✓ Access control systems
- ✓ Vehicle yard management
- ✓ Parking control systems
- ✓ Container monitoring





Technical Specifications

Size	370mm x 384mm x 17mm
Weight	<2kg
Color	Light grey
Finish	UV resistant random and UV coating on rear
Cable length	5 meters
Temperature length	-40°C to 70°C
Specification	Conforms to ETS 300 09
Gain at connector	-3 dB
Back attenuation	15dB nominal
Connector type	Male BNC
VSWR	<16:1
Impedance	50 Ohms
Polarization	Circular
Cross polarization	>20dB
Max power	20 Watt





GAO RFID Inc.

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Product Overview

Active RFID Circular Polarized Patch Antenna (304004)



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