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This active RFID whip antenna is an ideal solution for wall mount applications and can be used outdoors. It is commonly used in applications where omni-directional RF reception is required such as in fleet management, vehicle yard management and container monitoring. This RFID whip antenna is well designed for optimal radio frequency (RF) reception performance with GAO RFID's active RFID readers. It is finished with black UV resistant plastic case ensuring it to work well even in harsh outdoor use. The whip antenna should be mounted as high as possible and face the tags in its operating environment for optimal performance. This antenna conforms to the ETS 300 019 standard and is shipped with a 5m coax cable terminated with a BNC (M) connector.



Technical Specifications

Size	450mm Whip
Mounting bracket	Wall mount (bracket 20mm)
Finish	Black UV resistant bracket
Mass	Approx. 30g
Temperature range	-40°C to 70°C
Environmental specification	Conforms to ETS 300 019
Antenna type	Whip Antenna
Frequency band	433MHz $\pm$ 2MHz
Gain at connector	3dBi
VSWR	<1.6 : 1
Impedance	50Ohms
Maximum power	20W
Connector	BNC(M)



GAO RFID Inc.

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Product Overview

433MHz Active RFID Whip Antenna (304005)



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