



This active RFID stub antenna has been designed for optimal RF reception with the Wavetrend reader range. It is UV resistant and can be used in outdoors with rugged waterproof rubber housing.

This active Wavetrend stub antenna operates over a frequency range from 400MHz to 450MHz. It has been designed for optimal RF reception with the Wavetrend reader range and attaches to the reader via a BNC(M) connector. The RFID stub RFID antenna has an Omni-directional reception pattern around the vertical axis with null points being at the extreme ends of the stub. Its maximum power is 100W and has a impedance of 50Ohms. Additionally, the antenna is UV resistant and can be used in outdoors with rugged waterproof rubber housing.





Technical Specifications

Size	>87mm x 15mm tapered to 6mm diameter
Finish	UV resistant black rubber coating
Mass	≤ 22 gram
Temperature range	-40°C to 70°C
Environmental specification	Conforms to ETS 300 019
Antenna type	Eighth wave whip
Frequency band	400 MHz to 450 MHz
Gain at connector	-3dBi (with reference to a 1/8 wave ground plane)
VSWR	<1.5:1
Impedance	50 Ohms
Maximum power	100W
Connector	BNC (M)





GAO RFID Inc.

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Product Overview

Active RFID Stub Antenna (304002)



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