

Approved antenna list for the STD-602-429 429 MHz module

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Circuit Design, Inc.
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Introduction

The STD-602-429 429 MHz operates under the certification of construction design which requires that only antennas registered for this module can be used. Using any other antenna other than those specified here will be in violation of Japanese radio law.

The following information shows the approved antenna models. For further details, please refer to the operation guide, "STD-602-429 429 MHz", pages 22-24 or contact Circuit Design.

* Some of the pages to the antenna products are in Japanese. Please use your browser to display in English.

The following antennas are registered for use with STD-602-429 429 MHz

ANT-400-R

Name: Water resistant antenna with SMA

Gain: ≤ 2.14 dBi

Connection: SMA female

URL: <https://www.cdt21.com/products/ant-400-r/>

ANT-400-SW

Name: Whip antenna

Gain: ≤ 2.14 dBi

Connection: SMA male

URL: <https://www.cdt21.com/products/ant-400-sw/>

ANT-400-SFW

Name: 400 MHz waterproof swivel antenna

Gain: ≤ 2 dBi

Connection: RP-SMA male

* URL: <https://www.circuitdesign.jp/item/products/antenna/ant-400-sfw>

ANT-400-SWW

Name: 400 MHz waterproof whip antenna

Gain: ≤ 2 dBi

Connection: RP-SMA male

* URL: <https://www.circuitdesign.jp/item/products/antenna/ant-400-sww>

ANT-400-AR

Name: 400 MHz whip antenna

Gain: ≤ 2.14 dBi

Connection: SMA male

* URL: <https://www.circuitdesign.jp/item/products/antenna/ant-400-ar>

ANT-400-DX-5



Name: 400 MHz dipole antenna

Gain: ≤ 2.14 dBi

Connection: SMA male

* URL: <https://www.circuitdesign.jp/item/products/antenna/ant-400-dx-5>

ANT-400-DX-10



Name: 400 MHz dipole antenna

Gain: ≤ 2.14 dBi

Connection: SMA male

* URL: <https://www.circuitdesign.jp/item/products/antenna/ant-400-dx-10>

Other manufacturer's antennas:

Circuit Design do not sell these antenna models, please contact individual manufacturers or contact Circuit Design for more information.

Wired antenna (170 mm)	Gain: - 5.68 dBi	Connection: Soldering
SRFI028 by Antenova	Gain: - 3.04 dBi	Connection: MHF
ANT-433-HETH by LinX Technologies	Gain: - 4 dBi	Connection: Soldering
OnBoard SMD 434 MHz by ProAnt	Gain: - 6 dBi	Connection: Soldering

Issue	Date	Comment
1.0	2025/10/28	Start

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