

電波法認証取得済み外部アンテナリスト

List of external antennas certified by the Radio Law



# 本リストのアンテナは加賀FEI製 Wireless LANモジュール (WKI611AA1, WKR612AA1)との組み合わせで、表に記載された国の電波法認可を取得しています。

# アンテナの特性はお客様製品に組み込んだ条件で保証するものではありません

# お客様製品に組み込んだ条件でのアンテナ設計サポートについては各アンテナメーカー様にご相談ください

# 本リストのアンテナをご購入の際は各アンテナメーカー様または各代理店様にご相談ください

# 加賀デバイス株式会社に取扱っているアンテナは、下記のURLからお問い合わせ願います

# The antennas in this list have obtained Radio Law certifications for the countries described in the table when used in combination with KAGA FEI's Wireless LAN modules (WKI611AA1, WKR612AA1).

# The antenna characteristics listed are not guaranteed under the conditions of installation in the customer's product.

# For design-in and implementation support of the antennas to your products, please consult with the respective antenna manufacturers.

# When purchasing antennas on this list, please consult the respective antenna manufacturers or their respective distributors.

# For inquiries about antennas handled by KAGA DEVICES CO.,LTD., please contact them via the URL below.

Japanese <https://www.kgdev.co.jp/ja/information/>  
 English <https://www.kgdev.co.jp/en/information/>

Change history

Revision	Date	Description
1.0	2026/1/14	Initial Release
1.1	2026/2/3	Delete an Appearance

Manufacturer		三省電機 (SANSEI ELECTRIC CO.,LTD.)				GLEAD	Molex		
Product name		STDANTEM0-001	ANTDC-081A0/B0	STDANTEM0-009	STDANTEM0-013	WIFI_PAD2400NO_P408_P90MM	2042810100 2042810150 2042810200 2042810250 2042810300	1461870100 1461870150 1461870200 1461870300	1461530100 1461530150 1461530200 1461530250 1461530300
Frequency	2.4GHz Band	2400 ~ 2500 MHz	2400 ~ 2500 MHz	2400 ~ 2500 MHz	2400~2500	2400~2500	2400 ~ 2500 MHz	2400 ~ 2500 MHz	2400 ~ 2500 MHz
	5GHz Band	5150 ~ 5825 MHz	5150 ~ 5825 MHz	5150 ~ 5825 MHz	5150~5850	4900~5900	5150 ~ 5850 MHz	5150 ~ 5850 MHz	5150 ~ 5850 MHz
Peak gain	2.4GHz Band	1.4dBi	1.4dBi	-1dBi	1.9dBi	0.8dBi	2.0dBi * 2042810100	3.2 dBi * 1461870100	3.0 dBi * 1461530100
	5GHz Band	2.8dBi	1.3dBi	1.1dBi	2.8dBi	3.8dBi	3.3 dBi * 2042810100	4.5 dBi * 1461870100	4.5 dBi * 1461530100
Polarization		Linearly polarized	Linearly polarized	Linearly polarized	Linearly polarized	Linearly polarized	Linearly polarized	Linearly polarized	Linearly polarized
Connector type		U.FL/MHF	U.FL/MHF	U.FL/MHF	U.FL/MHF	U.FL/MHF	U.FL/MHF	U.FL/MHF	U.FL/MHF
Cable		Please check with the manufacturer.	120mm ± 15mm	Please check with the manufacturer.	120mm	74mm	100,150,200,250,300mm	100,150,200,300mm	100,150,200,250,300mm
Antenna Size		37 × 18 × 0.5mm	80.5 × φ9.35 mm	52 × 5 × 1mm	36 × 8mm	40.0 × 8.0 × 1mm	35 × 11 × 0.1 mm	40.95 × 9 × 0.7 mm	34.9 × 9 × 0.1 mm
Antenna type		Dipole	Dipole	Dipole	Dipole	Dipole	Dipole	Dipole	Dipole
Material		Sheet Metal	-	Printed circuit board	Printed circuit board	Printed circuit board	Film	Printed circuit board	Film
Antenna certification registration region		Japan	Japan	Japan	Japan	Japan	Japan	Japan/U.S./Canada	Japan
Example: Purchase route		三省電機 (SANSEI ELECTRIC CO.,LTD.)				ASNICS Co., Ltd.	Molex, DigiKey,Core Staff,Mouser Electronics		

Manufacturer		KYOCERA AVX		TE Connectivity		Unictron	Antenova	スタッフ (Staff)
Product name		1001932PT	1001932FT	2344657-1 2344657-2 2344657-3 2344657-4 2344657-9	2118907-1 2118907-2 2118907-3 2118907-4 2118907-5	AA258	SRF3W077	1019-062B
Frequency	2.4GHz Band	2400 ~ 2485 MHz	2400 ~ 2485 MHz	2400 ~ 2500 MHz	2400 ~ 2500 MHz	2400 ~ 2500 MHz	2400 ~ 2500 MHz	2400 ~ 2500 MHz
	5GHz Band	4900 ~ 5825 MHz	4900 ~ 5825 MHz	4900 ~ 5875 MHz	5150 ~ 5875 MHz	4900 ~ 5900 MHz	4900 ~ 5900 MHz	4900 ~ 5900 MHz
Peak gain	2.4GHz Band	2.03 dBi	2.5 dBi	1.1 dBi * 2344657-1	3.0 dBi * 2118907-1	0.97 dBi	2.8 dBi	2.14 dBi
	5GHz Band	4.45 dBi	4.4 dBi	4.9 dBi * 2344657-1	3.1 dBi * 2118907-1	3.92 dBi	3.2 dBi	3 dBi
Polarization		Linearly polarized	Linearly polarized	Linearly polarized	Linearly polarized	Linearly polarized	Linearly polarized	Linearly polarized
Connector type		U.FL/MHF	U.FL/MHF	U.FL/MHF	MHF	U.FL/MHF	U.FL/MHF	U.FL/MHF
Cable		100mm	100mm	50,100,150,200,250mm	115,50,100,150,200mm	100mm	95mm	130 mm
Antenna Size		35.2 × 8.5 × 0.4 mm	35.2 × 8.5 × 0.2 mm	35 × 8.0 × 0.2 mm	29.6 × 41.2 × 0.34 mm	25 × 7 × 0.5 mm	30 × 8 × 0.15 mm	40 × 8 × 1 mm
Antenna type		Dipole	Dipole	Dipole	Dipole	Dipole	Dipole	Dipole
Material		Printed circuit board	Film	Film	Printed circuit board	Printed circuit board	Film	Printed circuit board
Antenna certification registration region		Japan	Japan	Japan/U.S./Canada	Japan	Japan	Japan	Japan
Example: Purchase route		KYOCERA AVX, DigiKey,Core Staff,Mouser Electronics		TE Connectivity, DigiKey,Core Staff,Mouser Electronics		KAGA DEVICES, DigiKey,Mouser Electronics	KAGA DEVICES, DigiKey,Core Staff, Mouser Electronics	KAGA DEVICES

Manufacturer		ASNICS Co., Ltd.	AMOTECH
Product name		FPC-8393674-12013-IPR20 FPC-8393674-12013-IPR70 FPC-8393674-12013-IPR120 FPC-8393674-12013-IPR170 FPC-8393674-12013-IPR220 FPC-8393674-12013-IPR270	AMO-PCS0-F7015-UL100
Frequency	2.4GHz Band	2400 ~ 2485 MHz	2400 ~ 2485 MHz
	5GHz Band	4900 ~ 5900 MHz	5100 ~ 5850 MHz
Peak gain	2.4GHz Band	0.3 dBi * FPC-8393674-12013-IPR20	2.05 dBi
	5GHz Band	0.4 dBi * FPC-8393674-12013-IPR20	2.96 dBi
Polarization		Linearly polarized	Linearly polarized
Connector type		IPEX-1	U.FL
Cable		20,70,120,170,220,270mm	100mm
Antenna Size		120 × 13 × 0.25 mm	60 × 16 × 0.8mm
Antenna type		Dipole	Dipole
Material		Film	Printed circuit board
Antenna certification registration region		Japan	Japan
Example: Purchase route		ASNICS Co., Ltd.	Richardson Electronics