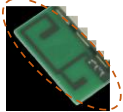


Antenna for US and Canada certification registration

Internal Antenna External Antennas. External Antennas.
Maximum peak gain Maximum peak gain
at 2.4GHz band at 5GHz band

Manufacturer		Kaga FEI	Molex	TE Connectivity
Product name		AW-002	1461870100 1461870150 1461870200 1461870300	2344657-1 2344657-2 2344657-3 2344657-4 2344657-9
Appearance		 *Module built-in antenna		
Frequency	2.4GHz	2400~2500	2400 ~ 2500 MHz	2400 ~ 2500 MHz
	5GHz	5150 ~ 5850 MHz	5150 ~ 5850 MHz	4900 ~ 5875 MHz
	6GHz	—	5925~7125MHz	5925~7125MHz
VSWR	2.4GHz Band	≦ 2.5	≦ 2	≦ 2.7
	5GHz Band	≦ 1.6		≦ 2.1
Peak gain	2.4GHz Band	1.0dBi	3.2 dBi *100mm 3.025 dBi *150mm 2.85 dBi *200mm 2.5 dBi *300mm	1.1 dBi *50mm 0.94 dBi *100mm 0.78 dBi *150mm 0.62 dBi *200mm 0.46 dBi *250mm
	5GHz Band	1.4dBi	4.5 dBi *100mm 4.25 dBi *150mm 4 dBi *200mm 3.5 dBi *300mm	4.9 dBi *50mm 4.648 dBi *100mm 4.395dBi *150mm 4.143 dBi *200mm 3.89 dBi *250mm
Polarization		Linearly polarized	Linearly polarized	Linearly polarized
Connector		None	U.FL/MHF	U.FL/MHF
Cable		None	100,150,200,300mm	50,100,150,200,250mm
Antenna Size		15.7 x 7.0 × 0.5mm	40.95 × 9 × 0.7 mm	35 × 8.0 × 0.2 mm
Antenna type		Monopole	Dipole	Dipole
Material		Printed circuit board	Printed circuit board	Film