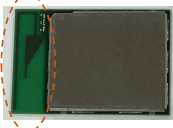




Antenna for US and Canada certification registration

Manufacturer		Kaga FEI	Molex	TE Connectivity
Product name		AW-001	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	≦ 2.7	≦ 2	≦ 2.7
	5GHz Band	≦ 2		≦ 2.1
Peak gain	2.4GHz Band (Max.)	-0.4dBi	3.2 dBi *100mm	1.1 dBi *50mm
	5GHz Band (Max.)	3.2dBi	4.5 dBi *100mm	4.9 dBi *50mm
	5GHz Band (Min.)	-0.7dBi	3.5 dBi *300mm	3.89 dBi *250mm
Peak gain per cable length	2.4GHz Band (Max.)	-0.4dBi	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 (Max.)	3.2dBi	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
	5GHz Band (Min.)	-0.7dBi	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		19.0 x 5.65 x 0.5mm	40.95 x 9 x 0.7 mm	35 x 8.0 x 0.2 mm
Antenna type		Monopole	Dipole	Dipole
Material		Printed circuit board	Printed circuit board	Film