

RAPX-1581.549-FKF-DB

Specifications

ANTENNA

Parameters	Value	Unit
Frequency Range	1561.098 ~ 1602.000	MHz
Gain @ PCB Zenith	5	dBic
VSWR	< 1.5	-
Polarization	RHCP	-
Axial Ratio, max	3	dB
Impedance	50	Ω



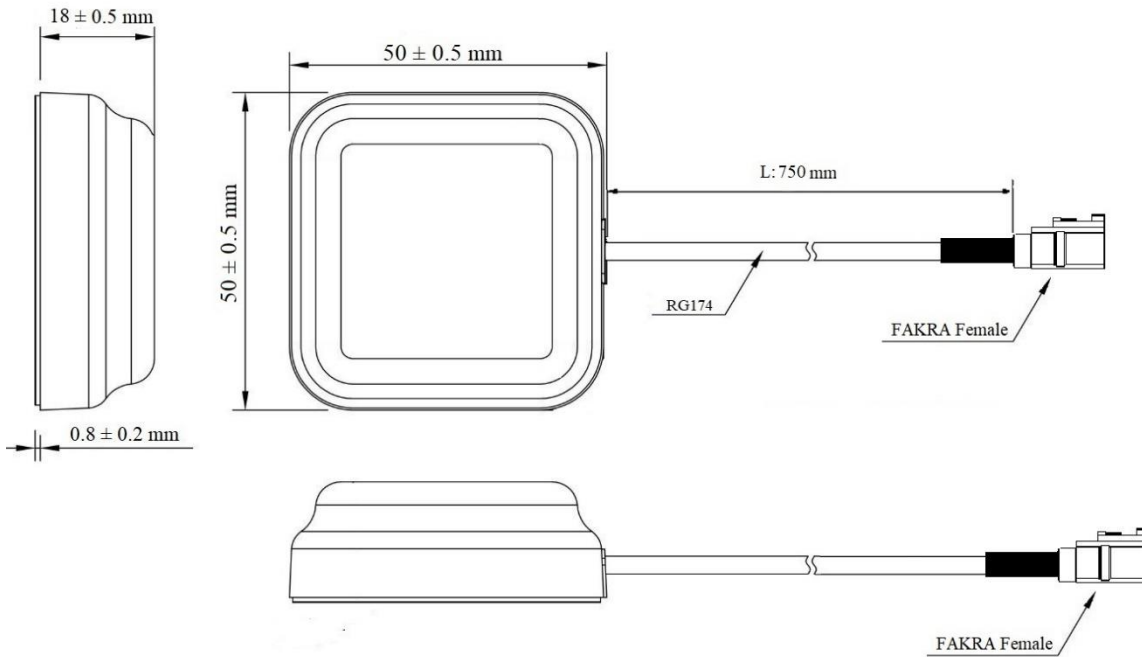
LNA

Parameters	Value	Unit
VSWR	< 2	-
Supply Voltage	3 ~ 5	V DC
Gain	34 ± 2	dB
Noise Figure	≤ 1.2	dB
Current Consumption	< 20	mA

MECHANICAL & ENVIRONMENTAL

Parameters	Value	Unit
Connector	FAKRA Female	-
Cable	Type	RG174
	Length	750
Radome Material	ABS	-
Operating Temperature Range	-40 ~ 85	°C
Relative Humidity, max	95	%
Ingress Protection	IP67	-
Mounting Method	Magnet, Adhesive or others	-
Vibration (With 1.5 mm Amplitude 2Hours)	10 ~ 55	Hz

Dimensions



APPROVAL

DRAWN BY	KW, 09/05/2019
APPROVED BY	AR
REVISION	A, Initial Release