

## 4G/3G/2G/WIFI/GPS/GLONASS/ 2.4/5GHz MIMO ANTENNA

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RDM-MBE1-A-14350815-1M-A-001



### ■ ELECTRICAL SPECIFICATION

PARAMETERS			VALUE				UNIT
GPS (GLONASS)	Frequency Range		1575.42 ±3		1602 ~ 1610		MHz
	Polarization		RHCP				-
	Impedance		50				Ω
	LNA Gain, typ		28 ±2				dB
	Noise Figure, max		3.5				dB
	VSWR, max		2.0				-
	DC Voltage		2.2 - 5.0				V
	DC Current		5 -15				mA
WIFI	Frequency Range		2400 ~ 2500		4900 ~ 5850		MHz
	VSWR, max		2.0				-
	Gain		3				dBi
	Polarization		Linear				-
	Impedance		50				Ω
LTE	Frequency Range		698 ~ 960	1710 ~ 2170	2300 ~ 2700	2900 ~ 3500	MHz
	VSWR, max		3.0				-
	Gain		3.0				dBi
	Polarization		Vertical				-
	Impedance		50				Ω
Housing			Black				-
Cable	Type	GPS	RG174				-
	Length		3000				mm
Connector			SMA Male Standard				-
Radome Material			ABS				-
Mounting Method			Screw				-
Operating Temperature Range			-40 ~ +85				°C
Relative Humidity, max			65 ~ 95				%
Ingress Protection			IP67				-
Antenna Dimension			Ø 143.5 x 81.5				mm
Weight			1.2				kg



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### ■ APPROVAL

RALTRON	
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APPROVED BY:	CP, October 01, 2019
REVISION:	A, Initial Release

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