







### SERIES RPA

- **FEATURES**
  - PASSIVE OR ACTIVE
  - SINGLE OR DUAL BAND
  - INTERIOR OR EXTERIOR
  - CABLE AND CONNECTOR TERMINATION per CUSTOMER REQUIREMENT
  
- **APPLICATIONS**
  - RFID
  - GPS
  - GLONASS
  - BDS (BeiDou)

PART NUMBER	RPA-N01	RPA-N04	RPA-N07	RPA-N10
FREQUENCY RANGE (MHz)	1575.42 MHz ±3 MHz 1602.5625 MHz ±3 MHz	1575.42 MHz ±3 MHz	1575.42 MHz ±3 MHz	1575.42 MHz ±3 MHz 1602.5625 MHz ±3 MHz
LNA GAIN (dBi)	10 ~ 30 dB	10 ~ 30 dB	---	---
DC Voltage	2.5 ~ 5.0 Vdc	2.2 ~ 5.0 Vdc	---	---
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Impedance (ohm)	50	50	50	50
Polarization	RHCP	RHCP	RHCP	RHCP
Radiation	Omni-Direction	Omni-Direction	Omni-Direction	Omni-Direction
Dimensions (mm)	25 x 25 x 7	18 x 18 x 7	20 x 20 x 4	18 x 18 x 4
Cable Length (mm)	100	640	--	--
Connector	U.FL	U.FL	--	--
Mounting	Soldered	Soldered	Soldered	Soldered
				

PART NUMBER	RPA-N08	RPA-1500-L-C
FREQUENCY RANGE (MHz)	1575.42 MHz $\pm$ 3 MHz 1602.5625 MHz $\pm$ 3 MHz	1575.42 MHz $\pm$ 3 MHz
LNA GAIN (dBi)	32 dB	28 dB
DC Voltage	2.7 ~ 5.0 Vdc	3.0 ~ 5.0 Vdc
VSWR	$\leq$ 1.5	$\leq$ 2.0
Impedance (ohm)	50	50
Polarization	RHCP	RHCP
Radiation	Omni-Direction	Omni-Direction
Dimensions (mm)	49 x 39 x 15	45 x 35 x 13
Cable Length (mm)	3000	L – Customer specific
Connector	SMA Male	C – Customer specific
Mounting	Magnetic	Magnetic
		

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