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ANTENNAS & GNSS RECEIVERS QUICK GUIDE

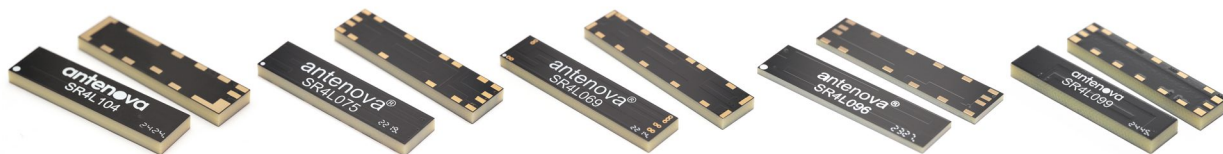
 AntennasGroup

A  Company

Cellular Antennas

High efficiency antennas with design support given. Antennas for 5G, 4G/LTE, NB-IoT, CAT-M, 3G bands.

Available as **Surface Mount (SMD)** with new dielectric constant substrates and **Flexible PCB (FPC)** antennas with a cable & connector for fixing onto enclosure.



Product Name	Opaca	Minima	Allani	Curta	Inpai
Part Number	SR4L104	SR4L075	SR4L069	SR4L096	SR4L099
Mounting Type	SMD Antenna	SMD Antenna	SMD Antenna	SMD Antenna	SMD Antenna
Standard	5G	5G	5G	4G / LTE	4G / LTE
Frequency	617-960 MHz 1420-1660 MHz 1710-2170 MHz 2300-2400 MHz 2500-2700 MHz 3300-4200 MHz 4400-7125 MHz	617-698 MHz 698-824 MHz 824-960 MHz 1710-2170 MHz 2300-2400 MHz 2500-2690 MHz 3300-3800 MHz	617-824 MHz 824-960 MHz 1710-2200 MHz 2300-2400 MHz 2500-2690 MHz 3300-3800 MHz	698-960 MHz 1710-2170 MHz 2300-2400 MHz 2500-2700 MHz	698-960 MHz 1710-2170 MHz 2300-2400 MHz 2500-2690 MHz
Efficiency (%)	55/37/78/42/49/58/53	35/45/60/55/55/60/50	45/55/66/57/63/55	56/66/52/53	49/61/69/55
Dimensions L×W×H (mm)	38.0 x 10.0 x 3.3	40.0 x 10.0 x 3.3	45.0 x 10.0 x 3.3	40.0 x 10.0 x 1.7	35.0 x 8.0 x 3.3
Ground Plane	145.3 mm	129 mm	130 mm	128 mm	100 mm
Clearance	38 x 17.3 mm	40 x 13.25 mm	45 x 13.25 mm	40 x 13.3 mm	40 x 15.3 mm

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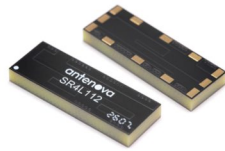


Product Name	Pharaoh	Lucida	Inversa	Similis	Integra
Part Number	SR4L073	SR4L002	SR4L034-L / SR4L034-R	SR4C005	SR4L049-L / SR4L049-R
Mounting Type	SMD Antenna	SMD Antenna	SMD Antenna	SMD Antenna	SMD Antenna
Standard	4G LTE	4G LTE	4G LTE	4G LTE	4G LTE
Frequency	698-824 MHz 824-960 MHz 1710-2200 MHz 2300-2400 MHz 2500-2690 MHz	698-824 MHz 824-960 MHz 1710-2170 MHz 2300-2400 MHz 2500-2690 MHz	698-824 MHz 824-960 MHz 1710-2170 MHz 2300-2400 MHz 2500-2690 MHz	824-960 MHz 1710-1990 MHz 2110-2170 MHz 2300-2400 MHz 2500-2690 MHz	791-960 MHz 1710-2170 MHz 2300-2400 MHz 2500-2690 MHz
Efficiency (%)	25/35/80/65/60	45/60/65/50/50	50/50/75/55/42	45/60/55/60/65	45/50/45/35
Dimensions L×W×H (mm)	37.0 x 13.0 x 3.3	35.0 x 8.5 x 3.2	28.0 x 8.0 x 3.3	40.0 x 10.0 x 1.6	23.0 x 8.0 x 3.3
Ground Plane	60 mm	125 mm	130 mm	100 mm	125 mm
Clearance	37 x 16 mm	35 x 11.7 mm	28 x 14.5 mm	40 x 15.3 mm	23 x 14.5 mm

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Product Name	Aurata	Latona	Lutosa	Affini	Zhengji
Part Number	SR4L112	SR4C033-L / SR4C033-R	SRFL061	SRFL064	SRFC015
Mounting Type	SMD Antenna	SMD Antenna	Flexi PCB Adhesive Antenna	Flexi PCB Adhesive Antenna	Flexi PCB Adhesive Antenna
Standard	4G LTE	NB-IoT	5G	5G	4G LTE
Frequency	698-824 MHz 824-960 MHz 1710-2200 MHz 2300-2400 MHz 2500-2690 MHz	791-862 MHz 824-960 MHz	617-698 MHz 698-824 MHz 824-960 MHz 1420-1520 MHz 1710-2200 MHz 2300-2400 MHz 2500-2690 MHz 3300-3800 MHz	617-698 MHz 698-824 MHz 824-960 MHz 1710-2200 MHz 2300-2400 MHz 2500-2690 MHz	824-960 MHz 1710-1990 MHz 2110-2170 MHz 2300-2400 MHz 2500-2690 MHz
Efficiency (%)	66/65/67/50/63	60/65	40/45/55/60/60/65/65/60	45/45/50/60/70/65	50/65/50/50/65
Dimensions L×W×H (mm)	28.0 x 10.0 x 3.3	20.0 x 11.0 x 1.6	95.0 x 15.0 x 0.15	78.0 x 17.0 x 0.15	80.0 x 20.0 x 0.15
Ground Plane	160 mm	115 mm	NA	NA	NA
Clearance	29 x 15 mm	20 x 11 mm	NA	NA	NA

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Product Name	Mitis	Moseni	Atta	Armata	Avia
Part Number	SRFL026	SRFL029	SRFI079	SRFC011	SRFC025
Mounting Type	Flexi PCB Adhesive Antenna	Flexi PCB Adhesive Antenna	Flexi PCB Adhesive Antenna	Flexi PCB Adhesive Antenna	Flexi PCB Adhesive Antenna
Standard	4G LTE	4G LTE	LTE 450	3G	3G
Frequency	698-824 MHz 824-960 MHz 1710-2170 MHz 2300-2400 MHz 2500-2690 MHz	698-824 MHz 824-960 MHz 1710-2170 MHz 2300-2400 MHz 2500-2690 MHz	410-432 MHz 432-434 MHz 434-470 MHz	824-960 MHz 1710-1990 MHz 2110-2170 MHz	824-960 MHz 1710-1990 MHz 2110-2170 MHz
Efficiency (%)	55/65/65/55/70	60/60/65/80/80	60/55/45	40/55/60	45/70/65
Dimensions L×W×H (mm)	110.0 × 20.0 × 0.15	110.0 × 20.0 × 0.15	101.0 × 20.0 × 0.15	30.0 × 28.5 × 0.15	71.0 × 12.5 × 0.15
Ground Plane	NA	NA	NA	NA	NA
Clearance	NA	NA	NA	NA	NA