

antenna nova

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ANTENNAS & GNSS RECEIVERS QUICK GUIDE

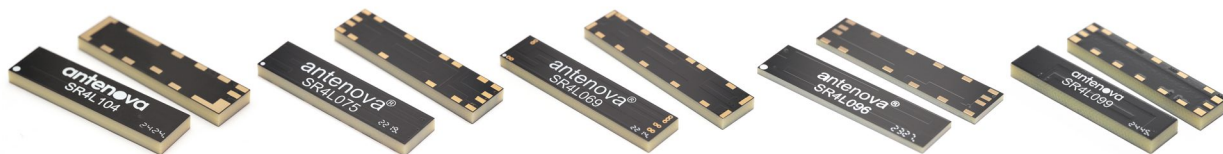
 AntennasGroup

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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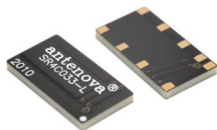
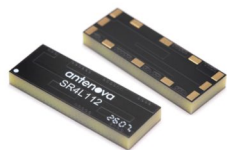


| Product Name | Pharaoh | Lucida | Inversa | Similis | Integra |
|-----------------------|---|---|---|---|--|
| Part Number | SR4L073 | SR4L002 | SR4L034-L / SR4L034-R | SR4C005 | SR4L049-L / SR4L049-R |
| Mounting Type | SMD Antenna | SMD Antenna | SMD Antenna | SMD Antenna | SMD Antenna |
| Standard | 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 |