

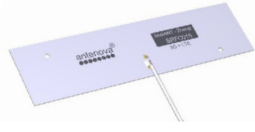







Antenova Quick Guide - Antennas for Cellular and LTE

Cellular and LTE

	flexiiANT[®]				
	FPC + cable + connector				
Antenna illustration (not to scale)					
Product Name	Armata	Avia	Zhengi	Mitis	Moseni
Frequency	824–960 MHz 1710–1990 MHz 2110–2170 MHz	824–960 MHz 1710–1990 MHz 2110–2170 MHz	824–960 MHz 1710–1990 MHz 2110–2170 MHz 2300–2400 MHz 2500–2690 MHz	698–798 MHz 824–960 MHz 1710–2170 MHz 2300–2400 MHz 2500–2690 MHz	698–798 MHz 824–960 MHz 1710–2170 MHz 2300–2400 MHz 2500–2690 MHz
Part no	SRFC011	SRFC025	SRFC015	SRFL026	SRFL029
Dimensions L x W x H (in mm)	30.0 x 28.5 x 0.15	71.0 x 12.5 x 0.15	80.0 x 20.0 x 0.15	110.0 x 20.0 x 0.15	110.0 x 20.0 x 0.15
VSWR	2.9:1 / 2.2:1 / 1.6:1	2.8:1 / 2.2:1 / 1.3:1	3.3:1 / 2.9:1 / 2.1:1 / 3.2:1 / 2.9:1	3.2:1 / 1.95:1 / 1.9:1 / 2.1:1 / 3.1:1	3.5:1 / 2.4:1 / 3.3:1 / 1.4:1 / 1.7:1
Efficiency	40% / 55% / 60%	45% / 70% / 65%	50% / 65% / 50% / 50% / 65%	55% / 65% / 65% / 55% / 70%	60% / 60% / 65% / 80% / 80%
Components and ground plane					

Implementation Support

Antenova offers a full range of development support and RF testing to help reduce customization, design costs and accelerate your time to market. Antenova recommends customers to use our know-how when it comes to implementing the antenna. We offer advanced measuring equipment, custom tuning and technical support to obtain a secure and reliable implementation. Make Antenova your partner of choice for new product development. Contact sales@antenova.com, and why not join our antenna design community at ask.antenova.com.

Contact Us

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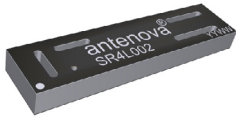




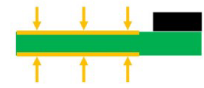


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IamiiANT[®]

SMD

Antenna illustration (not to scale)					
Product Name	Lucida	Similis	Inversa	Integra	Latona
Frequency	698–798 MHz 824–960 MHz 1710–2170 MHz 2300–2400 MHz 2500–2690 MHz	824-960 MHz 1710-1990 MHz 2110-2170MHz 2300–2400 MHz 2500–2690 MHz	698–798 MHz 824–960 MHz 1710–2170 MHz 2300–2400 MHz 2500–2690 MHz	791–960 MHz 1710–2170 MHz 2300–2400 MHz 2500–2690 MHz	791– 960 MHz
Part no	SR4L002	SR4C005	SR4L034-L SR4L034-R	SR4L049-L SR4L049-R	SR4C033-L SR4C033-R
Dimensions L x W x H (in mm)	35.0 x 8.5 x 3.2	40.0 x 10.0 x 1.6	28.0 x 8.0 x 3.3	23.0 x 8.0 x 3.3	20.0 x 11.0 x 1.6
VSWR	3.2:1 / 2.8:1 / 3.1:1 / 1.7:1 / 3.4:1	3.8:1 / 2.8:1 / 3.2:1 / 2.8:1 / 3.9:1	1.90:1 / 1.60:1 / 1.50:1	1.90:1 / 1.60:1 / 1.50:1	2.1:1 / 2.6:1
Efficiency	45% / 60% / 65% / 50% / 50%	45% / 60% / 55% / 60% / 65%	60% / 60% / 60%	65% / 55% / 55%	60% / 65%
Components and ground plane					

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	lamiiANT[®]	gigaNOVA[®]	flexiiANT[®]
	SMD		FPC + cable + connector
Antenna illustration (not to scale)			
Product Name	Lepida	Calvus	Lutosa
Frequency	617 – 798 MHz / 824 – 960 MHz 1710 – 2170 MHz / 2300 – 2400 MHz 2500 – 2690 MHz / 3300 – 3800 MHz	824-960 MHz 1710-2170 MHz	617-698MHz / 699-824MHz 824-960MHz / 1420-1520MHz 1710-2200MHz / 2300-2400MHz 2500-2690MHz / 3300-3800MHz
Part no	SR4L054	A10340H	SRFL061
Dimensions L x W x H (in mm)	50.6 x 10.6 x 3.3	28.0 x 8.8 x 3.2	95.0 x 15.0 X 0.15
VSWR	2.2:1 / 2.5:1 / 2.5:1 / 2.1:1 / 1.8:1 / 3.8:1	3.2:1 / 3.0:1	2.9:1 / 3.1:1 / 1.6:1 / 1.7:1 / 2.1:1 / 1.5:1 / 2.0:1 / 2.4:1
Efficiency	55% / 65% / 65% / 65% / 65% /65%	65% / 65%	40% / 45% / 55% / 60% / 60% / 65% / 65% / 60%
Components and ground plane			

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