

Antenova Quick Guide - Antennas for Wireless LAN

Bluetooth® (BT, BT EDR, BT LE), Wi-Fi® and ZigBee®

	flexiiANT®		lamiiANT®			REFLECTOR
	FPC+cable+connector		SMD			SMD+cable+connector
Antenna illustration (not to scale)						
Product name	Dromus	Amoris	Mutica	Serica	Trogon	Zenon
Frequency	2.4—2.5 GHz 4.9—5.9 GHz	2.4—2.5 GHz 4.9—5.9 GHz	2.4—2.5 GHz 4.9—5.9 GHz	2.4—2.5 GHz	2.4—2.5 GHz 4.9—5.9 GHz	2.4—2.5 GHz
Part no	SRF2W012	SRF2W021	SR42W001	SR4W035	SR42W009	SR4W030
Dimensions L x W x H (in mm)	30.0 x 6.0 x 0.15	27.0 x 14.0 x 0.15	11.3 x 5.0 x 0.8	6.0 x 4.0 x 0.4	19.3 x 3.3 x 4.4	23.0 x 16.0 x 1.6
VSWR	1.5:1 / 1.8:1	1.7:1 / 1.7:1	1.5:1 / 2.7:1	1.85:1	2.7:1 / 2.7:1	2.3:1 (on metal)
Efficiency (typical)	60% / 60%	67% / 70%	75% / 65%	65%	70% / 60%	50% (on metal)
Components and Groundplane						
Comments	Wi-Fi 802.11a/b/g/j/n/ac					

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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	ceriiANT®			gigaNOVA®				
	SMD							
Antenna illustration (not to scale)								
Product name	Weii	Sharpi	Minuta	Mica	Comata	Mixtus	Rufa	Fusca
Frequency	2.4—2.5 GHz	4.9—5.9 GHz	2.4—2.5 GHz / 4.9—5.9 GHz	2.4—2.5 GHz	2.4—2.5 GHz	2.4—2.5 GHz / 4.9—5.9 GHz	2.4—2.5 GHz	2.4—2.5 GHz
Part no	SRCW004	SRC5G027	SRC2W006	A5645H	A6111H	A10194H	Left A5839H / Right A5887H	A10192H
Dimensions L x W x H (in mm)	1.0 x 0.5 x 0.5	1.0 x 0.5 x 0.5	1.0 x 0.5 x 0.5	20.5 x 3.6 x 3.3	12.8 x 3.6 x 3.3	10.0 x 10.0 x 0.9	12.8 x 3.9 x 1.1	4.0 x 3.0 x 1.1
VSWR	1.6:1	3.0:1	2.2:1 / 1.97:1	1.8:1	2.3:1	1.4:1 / 1.8:1	1.8:1	2:1
Efficiency (typical)	70%	60%	55% / 50%	65%	45%	75% / 60%	75%	65%
Components and Groundplane								
Comments	Wi-Fi 802.11a/b/g/j/n/ac					Wi-Fi 802.11a/b/g/j/n/		

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