

Antenova Quick Guide - Antennas for Wireless LAN

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

| | flexii | flexiiANT® | | lamiiANT® | | | | | |
|-------------------------------------|----------------------------|--|----------------------------|---------------------|----------------------------|-------------------|--|--|--|
| | FPC+cable | e+connector | | SMD+cable+connector | | | | | |
| Antenna illustration (not to scale) | | THE TANK THE PROPERTY OF THE PARTY OF THE PA | Trway | | anteriova© SR42WC09 | , , , , , | | | |
| Product name | Dromus | Amoris | Mutica | Serica | Trogona | 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 | _ | <u></u> | 1 1 | 1 | 1 1 1 1 | | | | |
| 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

Antenova Limited, Global HQ
2nd Floor, Titan Court,
3 Bishop Sq, Hatfield, AL10 9NA, UK
Tel: +44 1223 810600
www.antenova.com • sales@antenova.com



Antenova Quick Guide - Antennas for Wireless LAN

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

| | ceriiANT® | | | gigaNOVA® | | | | |
|-------------------------------------|--------------------------|-----------------|------------------------------|------------------------|------------------|------------------------------|-------------------------------|-----------------|
| | SMD | | | | | | | |
| Antenna illustration (not to scale) | | 9 | | Addated & stouth | artin re | | | (Tarin |
| 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 | 1 1 1 | | | 1 1 1 1 | | 1 1 1 | | |
| Comments | Wi-Fi 802.11a/b/g/j/n/ac | | | Wi-Fi 802.11a/b/g/j/n/ | | | | |

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

Antenova Limited, Global HQ 2nd Floor, Titan Court, 3 Bishop Sq, Hatfield, AL10 9NA, UK Tel: +44 1223 810600

www.antenova.com • sales@antenova.com