

Corporate Overview

Antenova

Antenova is a leading developer and supplier of high performance antennas and RF solutions for wireless communication and consumer electronic devices. Antenova's patented High Dielectric Antenna (HDA[®]) and balanced antenna technologies enable antennas and RF antenna modules that are smaller, higher in efficiency, operate across multiple bands and offer more robust performance for mobile handsets, portable devices, laptop computers and peripheral device applications. Antenova's high performance integrated antenna solutions along with the gigaNOVA[®] range of market leading standard antenna solutions for 2.3 GHz, 2.4 GHz, 2.5 GHz, 5 GHz, GPS, GSM and ISM900 bands enable rapid product development, from the R&D stage through to manufacturing and quality control. Antenova's antenna products are ideally suited for an extensive range of applications, including GSM and CDMA, 3G, GPS, Wi-Fi[®], Bluetooth[®], WiMAX[™], WiBro and ZigBee[®].

Antenova's technology and products

Antenova's revolutionary High Dielectric Antenna (HDA[®]) technology is based on the concept of radiating currents in dielectric materials. Among the capabilities that HDA technology offers are: small size and resistance to detuning, the use of multiple antennas on small PCBs, narrow or broadband configuration, and high efficiencies. HDA resulted from pioneering R&D at Antenova that transformed the effect of dielectric resonance from a scientific curiosity into a complete technology backed by a design methodology and computer-aided tools.

The company provides a range of high performance multi-band antennas (3, 4, 5 and 7 bands) that are small, high in efficiency and offer robust performance for mobile handsets, notebook computers, UMPCs and UMDs. Antenova's tri-band antenna can be found in over 10 Samsung mobile phones that are sold in Korea, the U.S. and South America. Antenova's QUADNOVA[®] quad-band antenna is in the Motorola A780 smartphone and ROKR E2 music phone, and in the iMATE Ultimate 6150 and 8150 pocket PC phones. And Antenova's penta-band antennas can be found in Sony Ericsson's popular CyberShot and Walkman phones. In addition, Antenova's seven and eight-band DATANOVA[®] antennas enable 3G cellular and wireless broadband connectivity in next generation notebooks and UMPCs from Dell, HP, Siemens, Samsung and many others.

In February 2007 Antenova released the GPS RADIONOVA, the first in their range of RF antenna modules. GPS RADIONOVA RF Antenna Module is the world's first GPS system solution in a single package, which combines a high performance and low power receiver IC with Antenova's high efficiency complementary antenna. GPS RADIONOVA is a complete RF solution where the wireless performance is unaffected by the module's position, and where the same module can be used in multiple designs. Since its introduction, there have been over three dozen design wins for GPS RADIONOVA. This enables manufacturers to develop products with fewer design constraints and without the need for costly, time-consuming RF design and antenna modifications.

Integrated Antenna and RF Solutions

Antenova's gigaNOVA® range of market leading standard antennas for 2.3 GHz, 2.4 GHz, 2.5 GHz, 5 GHz, GPS, GSM/WCDMA and ISM900 bands give customers access to a broader range of standard off-the-shelf antennas, which means faster time to market with an already field-proven antenna solution. Designed for ease of integration into wireless devices, they are the smart choice for GPS, Wi-Fi®, Bluetooth®, WiMAX™, WiBro, ZigBee® and cellular M2M applications.

Background

Antenova has also made great advances in its operation and manufacturing capabilities and the Cambridge location achieved ISO 9001 certification in May 2005.



Antenova has corporate, sales and R&D headquarters in Cambridge, UK. Antenova Asia Ltd., with its office in Taipei, Taiwan was set up in September 2005 to further establish Antenova's global operations and to better serve its customers and partners in the region. And in February 2007, Antenova opened its design and support center in Chicago, Illinois, which also serves as its North American headquarters and RF center of excellence. The company also has sales and support locations in Shanghai and Shenzhen, China and Seoul, Korea.

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