

Antenna's gigaNOVA[®] standard antennas - dedicated to wireless technologies.

Antenna, the integrated antenna and RF solutions company, offers 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. Designed for ease of integration into wireless devices, they are the smart choice for GPS, Bluetooth[®], Wi-Fi[®], ZigBee[®], WiMAX[™] and cellular M2M applications.

No matter how impressive the design and performance of wireless components, effective communication can only be achieved with the right antenna.

Antenna offers a full range of development support and RF testing to help reduce customization, design costs and accelerate your time to market.

Make Antenna your partner of choice from new product development through the full lifecycle of your product.

To find out more, email info@antenna.com.

		External		Internal				
		Swivel		SMD				
								
Product name		Titanis	Picea	Mica	Comata	Rufa	Impexa	Fusca
Part no	Left	2010B4844	2010B5771-04	3030A5645	3030A6111	3030A5839	3030A6150	A10192-L
	Right					3030A5887	3030A6250	
Dimensions [L x W x H] (mm)		20 x 19.5 x 62	14.9 x 12 x 48	20.5 x 3.6 x 3.3	12.8 x 3.6 x 3.3	12.8 x 3.9 x 1.1	6.1 x 3.9 x 1.1	4 x 3 x 1.1
Efficiencies	WiMAX 2.3 GHz	75%	70%	55%	45%	65%	55%	50%
	WiMAX 2.5 GHz	70%	70%	55%	not available	55%	60%	55%
Components & groundplane								
Comments		Also available with reverse thread, art no 2010B6090-01	PCB thickness: 1.6mm					

gigaNOVA® Antenna Quick Guide for Bluetooth®, Wi-Fi®, ZigBee®, GPS, GSM, ISM900

		External		Internal												
		Swivel		SMD						Snap-in						
																
Product name		Titanis	Picea	Mica	Comata	Mixtus	Rufa	Impexa	Fusca	GPS	Flavus					
Frequency		2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	2.4/5 GHz	2.4 GHz	2.4 GHz	2.4 GHz	1575.42 MHz	2.4 GHz	868/915 MHz	2.4 / 5 GHz	GSM850/900/1800/1900/WCDMA		
Part no	Left	2010B4844	2010B5771-04	3030A5645	3030A6111	A10194	3030A5839	3030A6150	A10192-L	A10137	1020B5743-xx	1020B5812-xx	1020B5786-xx	1020B5812-xx		
	Right						3030A5887	3030A6250								
Dimensions [L x W x H] (mm)		20 x 19.5 x 62	14.9 x 12 x 48	20.5 x 3.6 x 3.3	12.8 x 3.6 x 3.3	10x10x0.9	12.8 x 3.9 x 1.1	6.1 x 3.9 x 1.1	4 x 3 x 1.1	20.1 x 9 x 1.6	27.3 x 7.9 x 3.45					
VSWR		<1.6:1	<1.7:1	<1.8:1	<2.3:1	<1.4:1 / <1.8:1	<1.8:1	<1.9:1	<2:1	<1.4:1	<2:1	<3.5:1	<2:1 / <2:1	<3:1		
Efficiency		80 %	70%	65%	45%	79% / 66%	75%	65%	65%	70%	65%	35%	60% / 70%	70%		
Components & groundplane																
Comments		Also available with reverse thread, art no 2010B6090-01	PCB thickness: 1.6mm							xx - PCB thickness: 01 - 0.8mm 02 - 1.0mm 04 - 1.6mm						
Implementation support				Contact us												
Antenova recommends our customers to use our know-how when it comes to implementing the antenna. We can offer advanced measuring equipment, custom tuning and technical support to obtain a secure and reliable implementation.				Worldwide Global Sales HQ Cambridge, UK Tel.+44 (0)1223 810600 sales@antenova.com			Europe EMEA Sales Office Cambridge, UK Tel.+44 (0)1223 810600 sales@antenova.com			America NA Sales Office Elgin, IL Tel. +1 847 551 9710 sales@antenova.com		Asia Asia Sales Office Taipei, Taiwan Tel. +886 (0) 2 8797 8630 sales@antenova.com		China China Sales Office Shanghai, China Tel. +86 1381 8870 733 sales@antenova.com		