

It's the antenna that makes it wireless...

Antenova M2M, the antennas for wireless M2M applications 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/CDMA, WCDMA and ISM900 bands. Designed for ease of integration into wireless devices, they are the smart choice for GPS, Bluetooth® (BT, BT EDR, BT LE), Wi-Fi®, ZigBee®, WiMAX™, WiBro, MIMO and cellular M2M applications. www.antenova-m2m.com

		Cellular				WiMAX™ at 2.3 GHz & 2.5 GHz and WiBro							
		SMD			Pins	Swivel		SMD					
Product name		Calvus	Reflexus	Rubra	Clarki	Titanis	Picea	Mica	Comata	Rufa	Impexa	Fusca	
Frequency		GSM850/900/1800/1900/WCDMA			GSM850/900/1800/1900	WiMAX at 2.3 GHz & 2.5 GHz & WiBro							
Part no	Left	A10340	A10315	A10393	A10464	B4844	B5771	A5645	A6111	A5839	A6150	A10192	
	Right									A5887	A6250		
Dimensions [L x W x H] (mm)		28 x 8 x 3.2	40 x 10 x 3.2	40 x 10.4 x 3.2	26.1x26.1x10.15	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	
VSWR		<3:1	<3:1	<2.6:1	(L) 2.6:1 (R) 2.9:1								
Efficiencies	824MHz-964MHz	66%	70%	75%	(L) 62% (R) 64%	WiMAX & WiBro 2.3 GHz	75%	70%	55%	45%	65%	55%	50%
	1710MHz-2170MHz	69%	60%	65%	(L) 73% (R) 64%	WiMAX 2.5 GHz	70%	70%	55%	not available	55%	60%	55%
Components & groundplane													

		Bluetooth [®] (BT, BT EDR, BT LE), Wi-Fi [®] and ZigBee [®]									ISM	GPS		
		Swivel		SMD								Solder	SMD	
Product name		Titanis	Picea	Mica	Comata	Mixtus	Rufa	Impexa	Fusca	Indica	Kirbii	Acuta	Brevis	Cyaneus
Frequency		2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz / 5 GHz	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz	868MHz / 915MHz	1575 MHz	1575 MHz	1575 MHz
Part no	Left	B4844	B5771	A5645	A6111	A10194	A5839	A6150	A10192	A10381	A10472	A10415	A10204	A10137
	Right						A5887	A6250						
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	10 x 10 x 0.9	12.8 x 3.9 x 1.1	6.1 x 3.9 x 1.1	4 x 3 x 1.1	3.3 x 1.6 x 0.65	10 x 3 x 2	25 x 5 x 4	22 x 3 x 3	20.1 x 9 x 1.6
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	<1.6:1	<1.2:1 / <2:1	<2:1	<1.4:1	<1.4:1
Efficiency (Typical)		80 %	70%	65%	45%	79% 66%	75%	65%	65%	70%	69% 60%	60%	50%	70%
Components & groundplane														
Comments		Also available with reverse thread, part no B6090 Not for outdoor use	PCB thickness: 1.6mm Not for outdoor use				Also available in 4mm height variant					Ceramic Patch Antenna Replacement Solders direct to edge of host device PCB		

Implementation Support

Contact Us

Antenova M2M offers a full range of development support and RF testing to help reduce customization, design costs and accelerate your time to market. Antenova M2M 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. Make Antenova M2M your partner of choice from new product development through the full lifecycle of your product. To find out more, email sales@antenova-m2m.com.

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