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## Multi Frequency Band Antennas

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- High Speed Internet
- Vehicle tracking
- Asset tracking
- GPS/Glonass Navigation
- Telemetry
- 4G/Lte
- GPS/Glonass

ADA-X4XX is a range of multi-frequency antennas for 2G, 3G, 4G/Lte, GPS, GPS/Glonass, WiFi.

The ADA-X4XX antennas are available in centre bolt, magnet mount as well as adhesive tape mount versions.



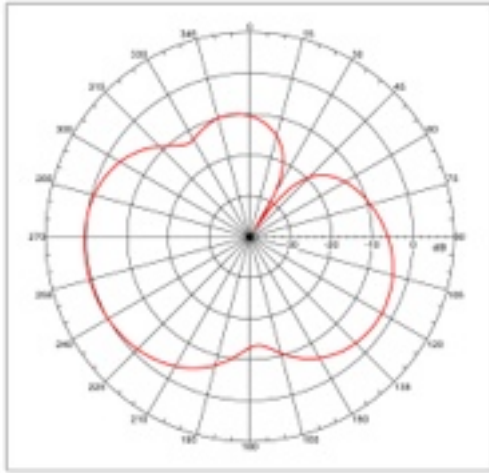
**RoHS**



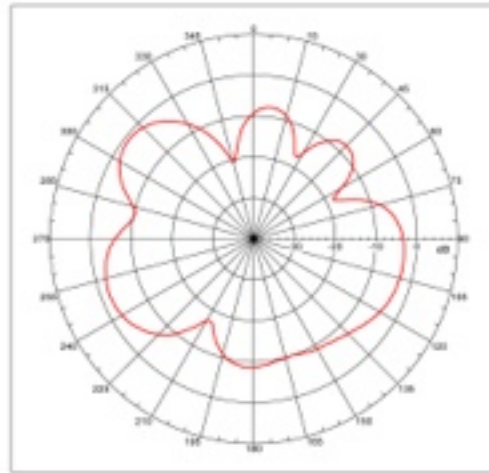
## Specification

Category	GPS	GPS/Glonass
Frequency	1575.42 MHz	1575.42 MHz & 1602 MHz
Polarization		R.H.C.P.
Power Gain		Typ. 27 dB
Noise figure		Typ. 1.5
Attenuation	Min. 20 dB @ Fo ± 50 MHz	
Bandwidth	2 MHz	10MHz & 8 Mhz
Output Impedance	50 Ω	
VSWR	<= 2.0	
Supply Voltage / Current	2.5 – 5.5 VDC / 12-20 mA	
RF Cable	Standard 3 m RG174/U with standard connector	
	<b>GSM/UMTS/2400</b>	
Frequency	824 ~ 960 MHz (GSM 850/900MHz) 1710 ~ 1990 MHz (GSM 1800/1900MHz) 1922 ~ 2170 MHz (3G 2100 MHz) 2400 ~ 2483 MHz (2400 MHz) 704 ~ 9660 - 1710 ~ 2620MHz(4G Lte)	
Polarization	Vertical Linear	
Gain	850 MHz= 1.0 dBi    900 MHz= 1.0 dBi 1800 MHz= 1.0 dBi    1900 MHz= 1.0 dBi 2100 MHz= 0.0 dBi    2400 MHz= 0.0 dBi	
Impedance	50 Ω	
VSWR	<= 2.0	
Power	10 W	
RF Cable	Standard 3 m RG174/U with standard connector	
	<b>Overall Performance</b>	
Size	63 x 15.6 mm (D x H)	
Mounting	Centre bolt 12,7 x 19mm, Magnetic or Tape	
Operating temperature	-40 — +80 ° C	
Storage temperature	-45 — +100 ° C	
Protection Rating	IPX7	

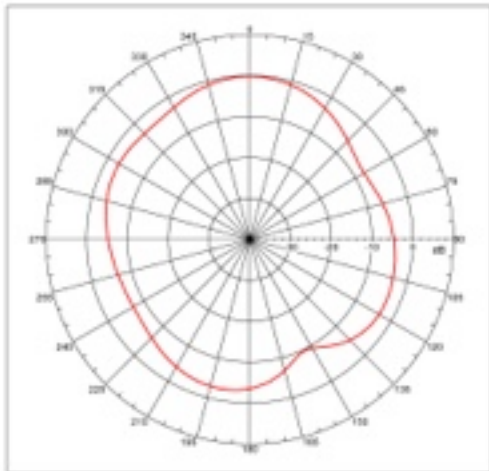
**850MHz**



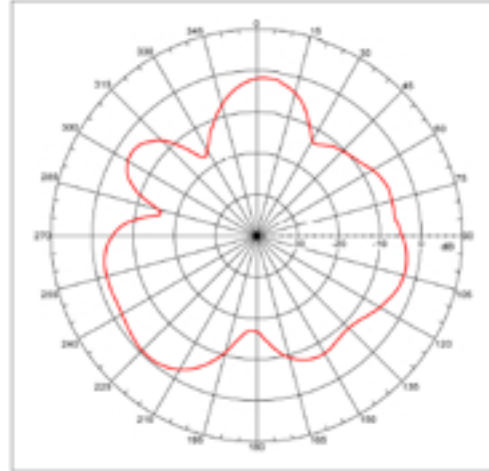
**1900MHz**



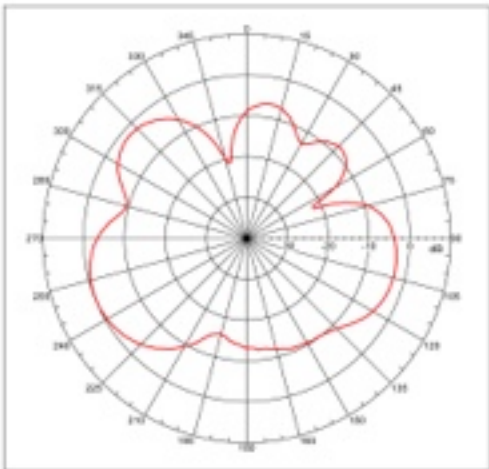
**900MHz**



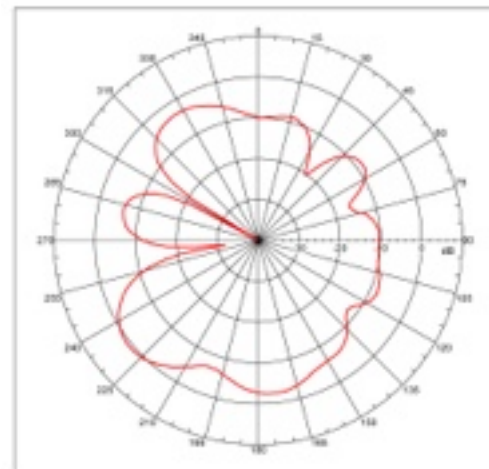
**2100MHz**

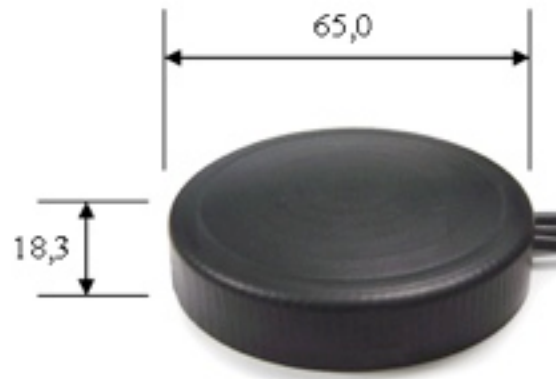


**1800MHz**



**2400MHz**





## Ordering codes

TYPE	GPS	850	900	1800	1900	2100	2400 WiFi	No of cables
ADA-0410-x			X	X				1
ADA-0420-x		X			X			1
ADA-0430-x		X	X	X	X			1
ADA-0440-x		X	X	X	X	X		1
ADA-0450-x		X	X	X	X	X	X	2
ADA-0460-x							X	1
ADA-1410-x	X		X	X				2
ADA-1420-x	X	X			X			2
ADA-1430-x	X	X	X	X	X			2
ADA-1440-x	X	X	X	X	X	X		2
ADA-1450-x	X	X	X	X	X	X	X	3
ADA-1460-x	X						X	2
ADA-1470-x	X							1
ADA-0480-x		704 ~ 960MHz			1710 ~ 2620MHz			1
ADA-1480-x	X	704 ~ 960MHz			1710 ~ 2620MHz			2

If you want GPS/Glonass change the first digit to 2

x = C for Centre bolt mount  
 S for Magnetic mount  
 T for Tape (adhesive) mount

Example: ADA-2460-T means GPS/Glonass + WiFi +Tape mount

The antennas are delivered with different antenna cable lengths and different connectors. Contact Adactus or our distributor for a quote on any particular specification.

For the latest updates, visit our Web site: [www.adactus.se](http://www.adactus.se)

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