ADACTUS

ADA-X4XX

Multi Frequency Band Antennas

- **High Speed Internet**
- **Vehicle tracking**
- **Asset tracking**
- **GPS Glonass**
- **Galileo Beidou**
- **WIFI Bluetooth**
- **Telemetry**



ADA-04XX is a range of multi-frequency antennas for GPS,Glonass,Galileo,Beidou GSM, 3G, 4G/LTE and WIFI

The ADA-04XX antennas are available in centre bolt, magnet mount as well as tape mount versions.



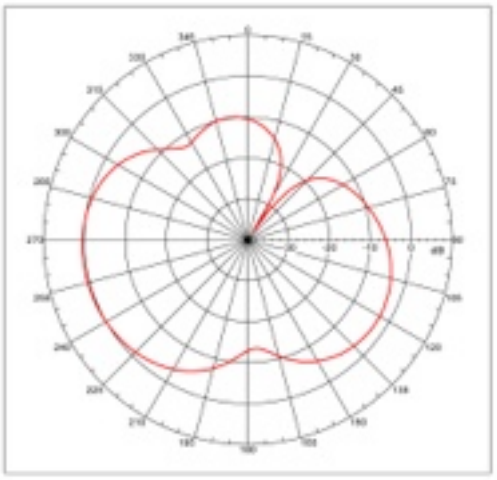
RoHS

Lte™

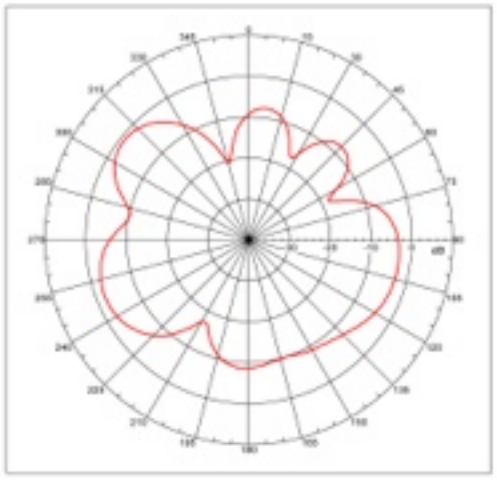
Specification

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	
	GSM/UMTS/2400	
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	
	Overall Performance	
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	

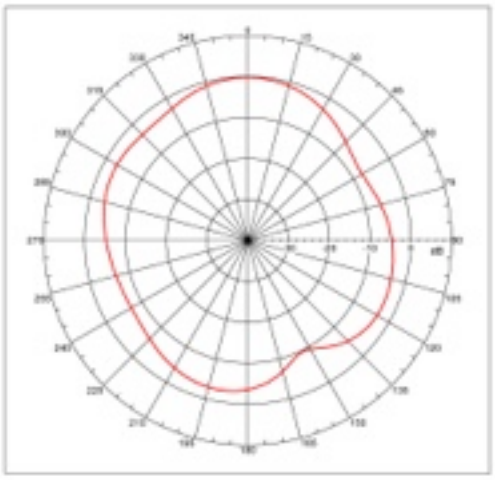
850MHz



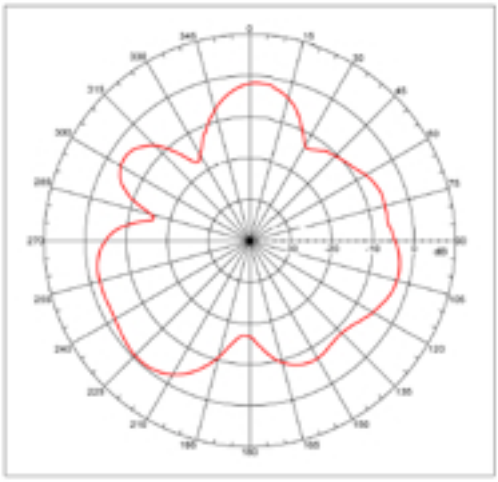
1900MHz



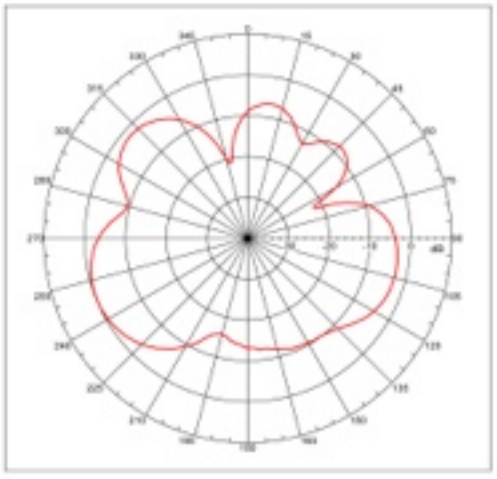
900MHz



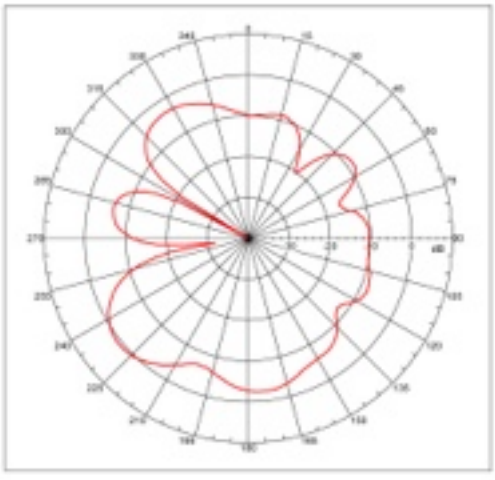
2100MHz

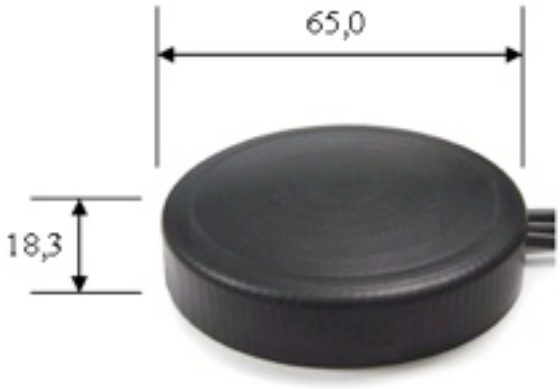


1800MHz



2400MHz




65,0
18,3


65,0
20,0
19,0
12,7

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		700-2700MHz						1
ADA-0480-x MIMO		700-2700MHz x 2						2

GPS/Glonass versions avaliable
Full GNSS avaliable
3 cables versions avaliable

X = C for Center Bolt mount
X = S for Magnetic mount
X = T for Tape mount

Example: ADA-2481-C means GPS/Glonass + LTE + WiFi Center Bolt

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*

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