
Multi Frequency Band Antennas

- **Vehicle tracking**
- **Asset tracking**
- **GPS Navigation**
- **Wifi**
- **Telemetry**

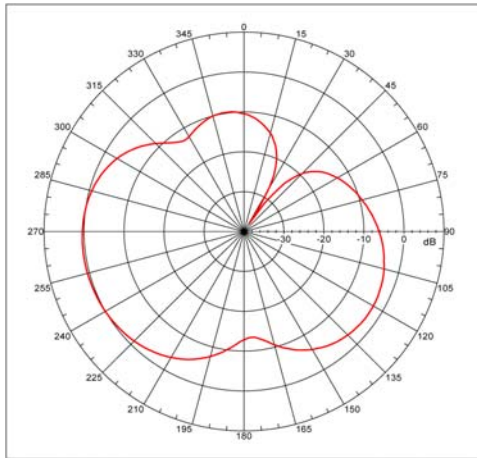
ADA-0400/1400 is a range of multi- frequency antennas for GSM, 3G, GPS and Wifi. The ADA-0400/1400 antennas are available in permanent mount (centre bolt) and magnet mount versions.



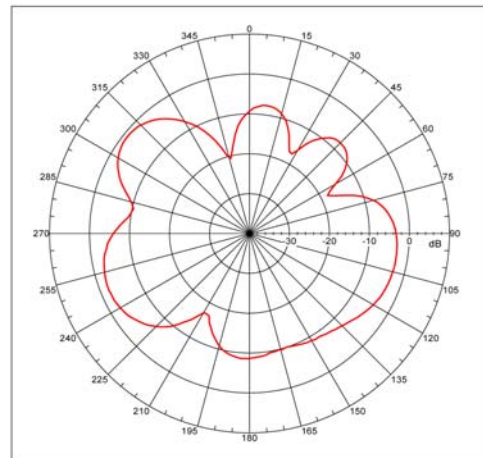
Specification

Category	GPS Antenna	Communication Antenna
Frequency	1.57542GHz (L1 BAND)	824 ~ 894 MHz (GSM 850MHz) 880 ~ 960 MHz (GSM 900MHz) 1710 ~ 1890 MHz (DCS 1800MHz) 1850 ~ 1990 MHz (PCS 1900MHz) 1922 ~ 2170 MHz (3G 2100MHz) 2400 ~ 2483 MHz (2400 MHz)
Gain	27dB	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
V.S.W.R	≤ 1.8.	≤ 2.0 (with 5m cable)
Noise Figure	2.0 Max	-
Band Width	2 MHz	70 MHz for frequency of 824MHz-894MHz 136MHz for frequency of 824MHz-960MHz 80 MHz for frequency of 880MHz-960MHz 180MHz for frequency of 1710MHz-1890MHz 280MHz for frequency of 1710MHz-1990MHz 140MHz for frequency of 1850MHz-1990MHz 178MHz for frequency of 1922MHz-2170MHz 83 MHz for frequency of 2400-2483MHz
Impedance	50 Ohm	50 Ohm
Polarization	R.H.C.P	Linear
Power supply	3.0 ~ 5.5V DC	-
Power Consumption	12mA	-
Power Handling Capacity	-	10W
Dimension	63mm(Dia.) x 15.6mm(H)	
Operation Temperature	-40degC to +80degC	
Storage Temperature	-45degC to +100degC	
Water proof	IPx7	

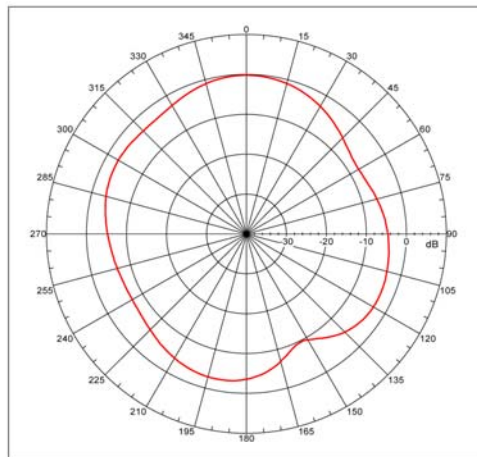
850MHz



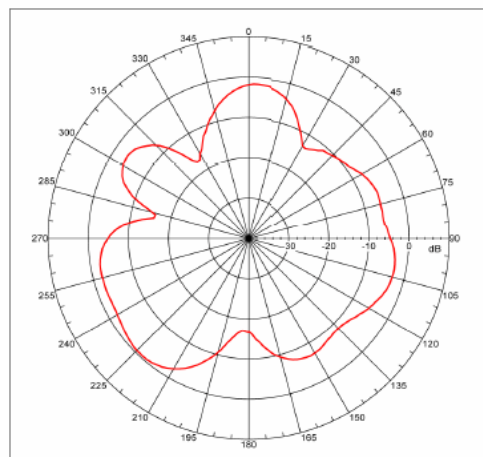
1900 MHz



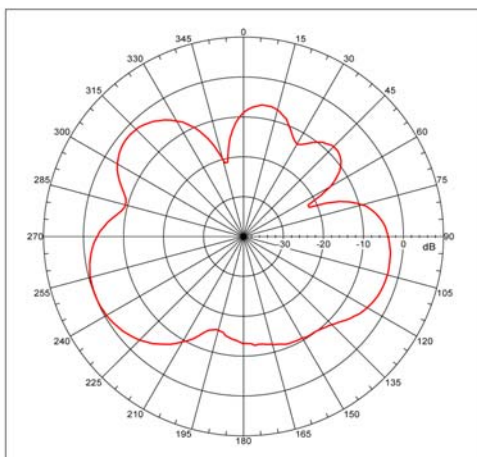
900 MHz



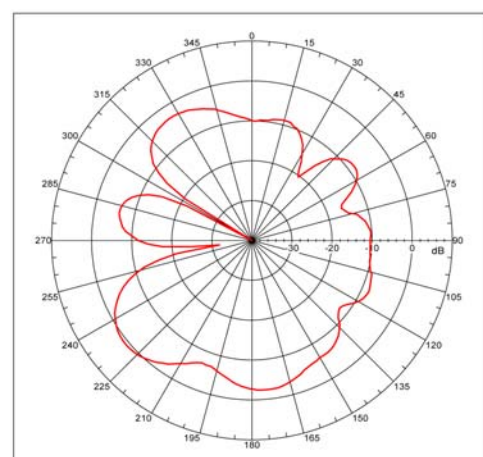
2100 MHz



1800 MHz



2400 MHz



Ordering codes

TYPE	GPS	850	900	1800	1900	2100	2400	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

x = C for Centre bolt mount
S for Magnetic mount

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

For the latest updates, visit our Web site: www.adactus.se

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