
Multi Frequency Band Antennas

- Vehicle tracking
- Asset tracking
- GPS Navigation
- Wifi
- Bluetooth
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- 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 centre bolt, magnet mount as well as tape mount versions.

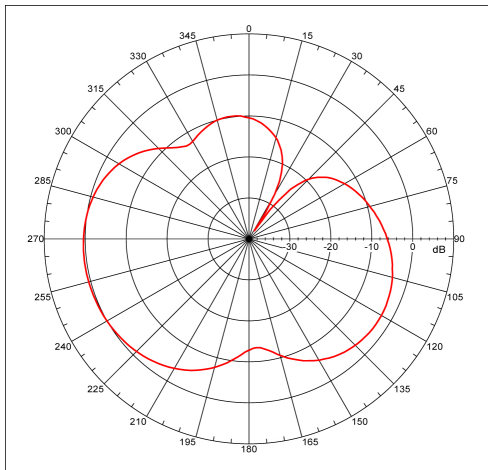


RoHS

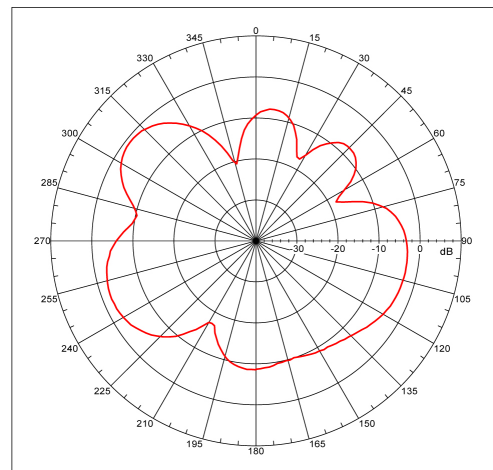
Specification

Category	GPS
Frequency	1575.42 MHz
Polarization	R.H.C.P.
Power Gain	Typ. 27 dB
Noise figure	Max 1.8
Attenuation	Min. 20 dB @ $F_o \pm 50$ MHz
Bandwidth	2 MHz
Output Impedance	50 Ω
VSWR	≤ 2.0
Supply Voltage /Current	3.0 – 5.5 VDC / 12 mA
RF Cable	Standard 3 m RG174/U with standard connector
	GSM/UMTS/2400
Frequency	824 ~ 894 MHz (GSM 850MHz) 890 ~ 960 MHz (GSM 900MHz) 1710 ~ 1890 MHz (GSM 1800MHz) 1850 ~ 1990 MHz (PCS 1900MHz) 1922 ~ 2170 MHz (3G 2100 MHz) 2400 ~ 2483 MHz (2400 MHz)
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

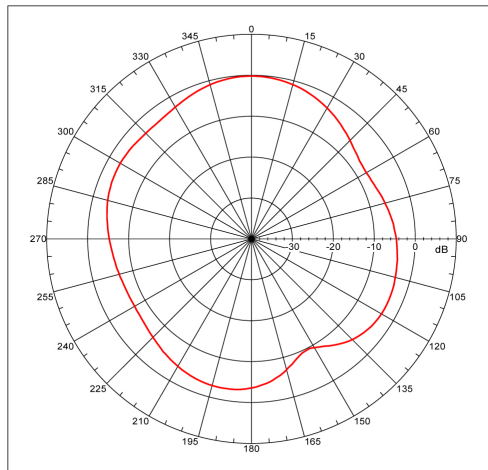
850MHz



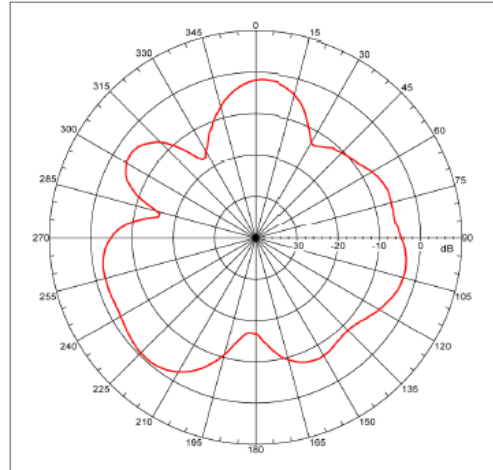
1900 MHz



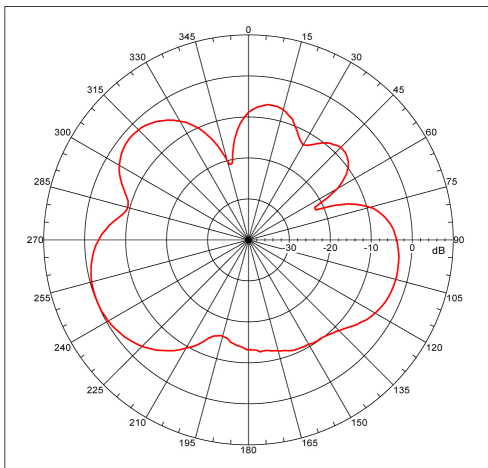
900 MHz



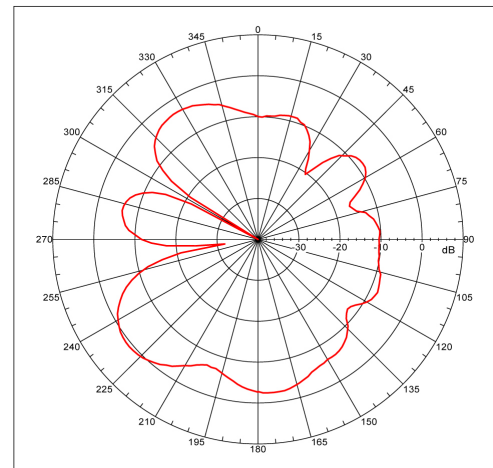
2100 MHz

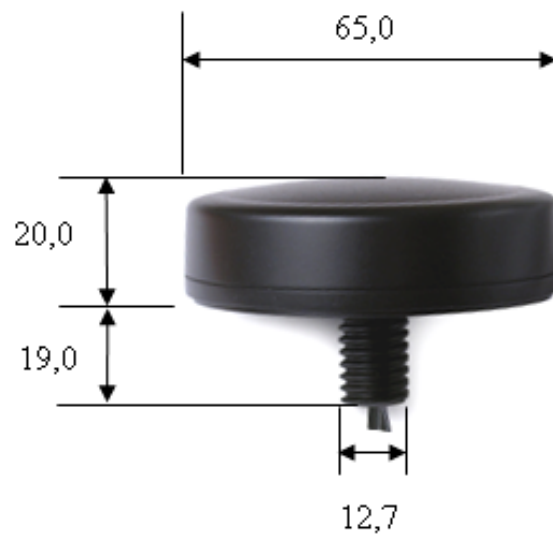
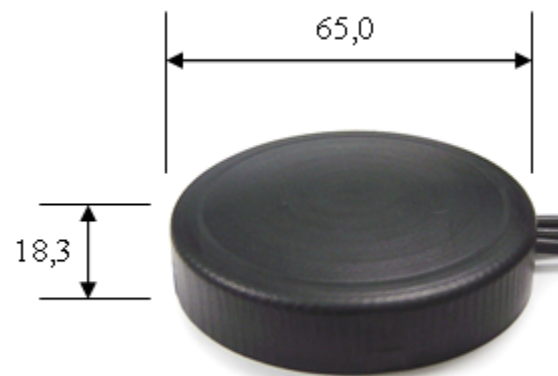


1800 MHz



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
T for tape 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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