
Multi Frequency Band Antennas

- High Speed Internet
- Vehicle tracking
- Asset tracking
- GPS/Glonass Navigation
- Wifi
- Bluetooth
- Telemetry

ADA-04XX/14XX/24XX is a range of multi-frequency antennas for GSM, 3G, 4G, GPS, GPS/Glonass, WiFi.

The ADA-04XX/14XX/24XX antennas are available in centre bolt, magnet mount as well as tape mount versions.



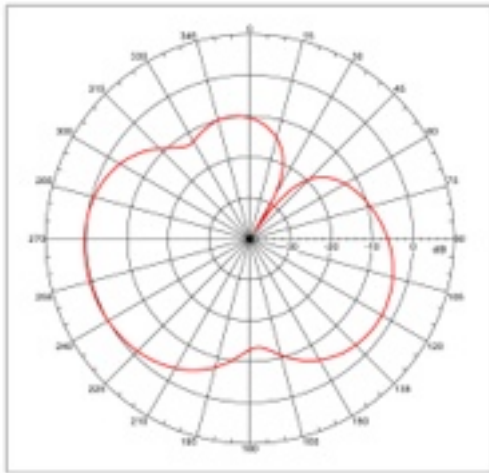
RoHS



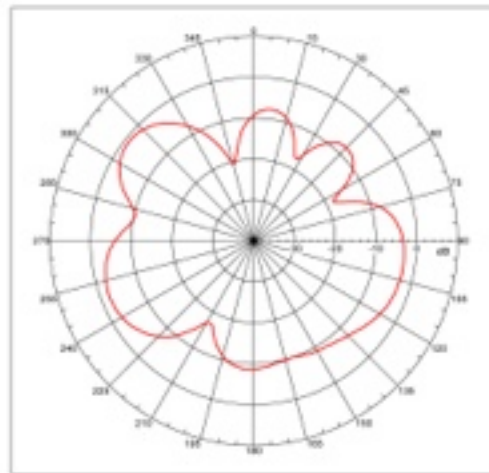
Specification

| 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 | |
| | 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 | |

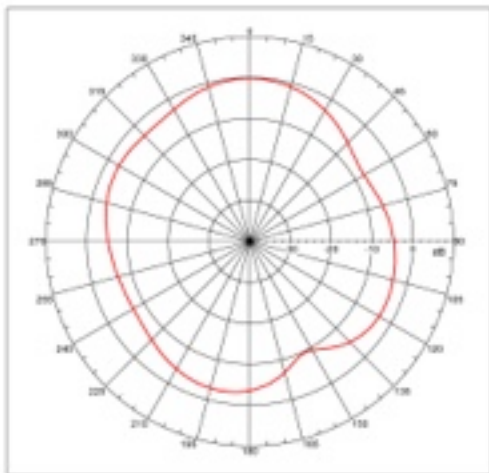
850MHz



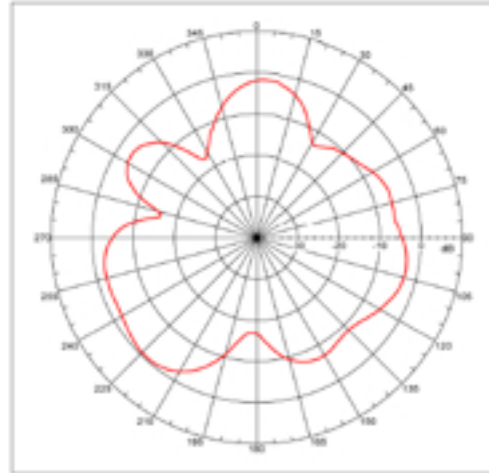
1900MHz



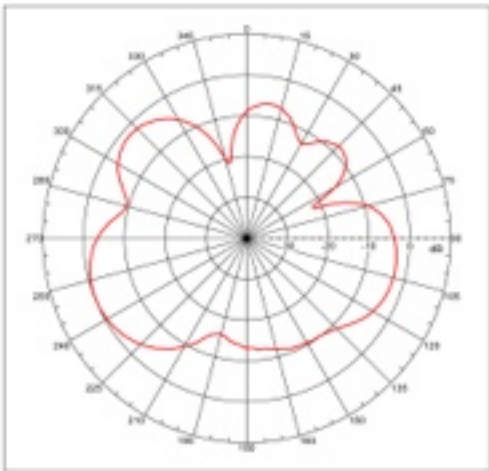
900MHz



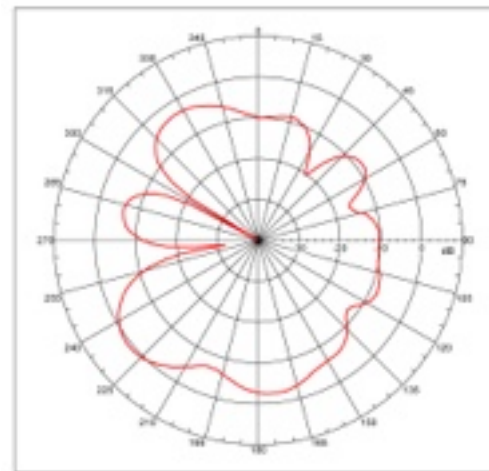
2100MHz

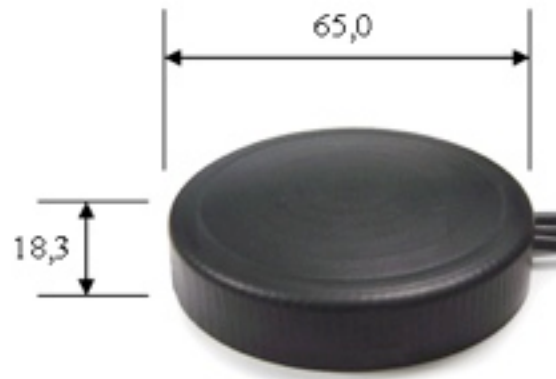


1800MHz



2400MHz





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

Disclaimer

Information furnished is believed to be accurate and reliable. However, Adactus assumes no responsibility for the consequences of use of such information nor for any infringement of patents or other rights of third parties which may result from its use. Adactus reserves the right to make changes without further notice to any product herein to improve reliability, function or design. Adactus does not assume any liability arising out of the application or use of any product described herein.

This publication supersedes and replaces all information previously supplied. Adactus products are not authorised as critical components in life support devices or systems.