Broadband **T**echnology 2000

ADACTUS

Latest Products

ABOUT ADACTUS

Adactus AB, situated in Stockholm, was founded in 1992. Initially Adactus supplied standard and customized tele- and data communication accessories like AC/DC adapters, connectors, wall jacks, plugs, data- and patch cables used in wired LAN.

Since the late nineties when the w-w markets moved in to the wireless world, Adactus has been designing, producing and providing wireless accessories like antennas, cables and connectors to companies involved in the business of wireless communication. This year 2010 we are widening Adactus window against the markets even more by presenting more accessories and services than ever on a totally new, more customer oriented, web-site.

Today customers are designing equipment that requires custom designed accessories in both shape and frequency. Adactus can design this for you.
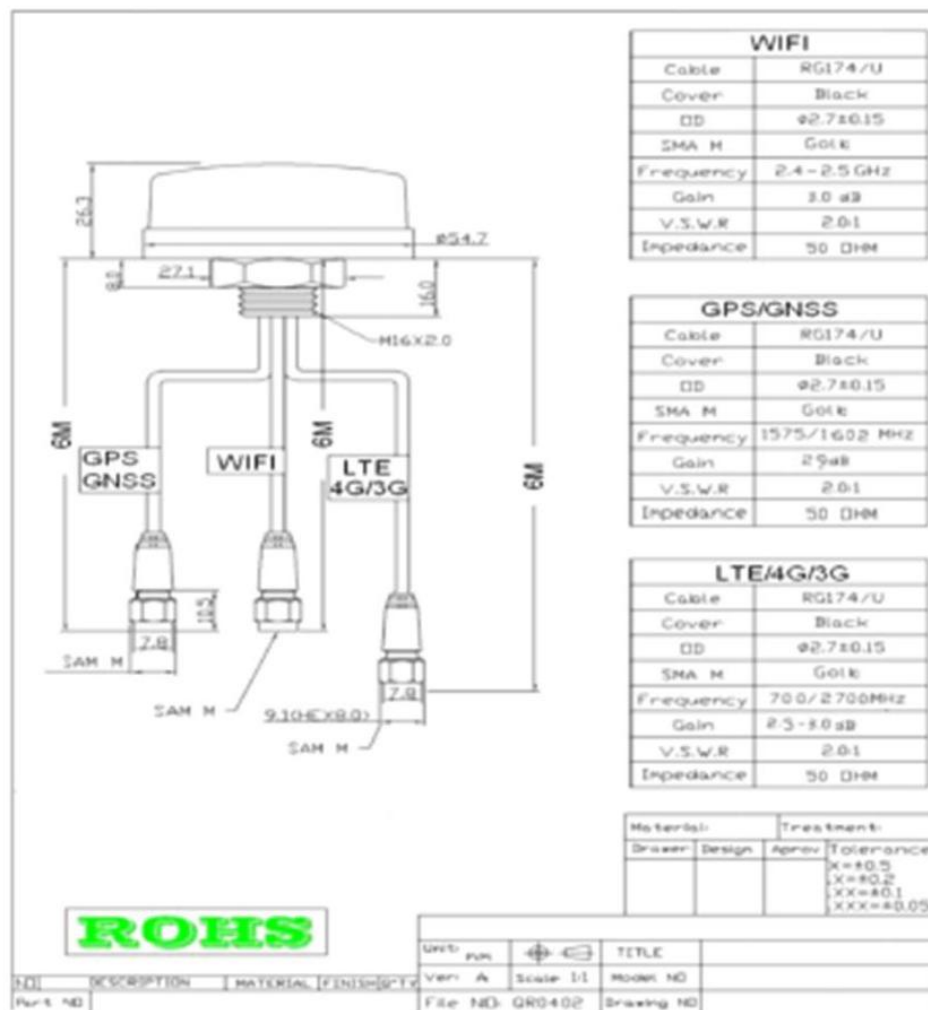
All Adactus products are RoHS compliant.

ADACTUS

Broadband **T**echnology 2000

ADA-2XYZ

ADA-2XYZ GNSS/LTE/WIFI Screw Mount Antenna

- Flexible configuration
- Great Performance
- Cost Effective

Comprehensive data available on request

WIFI	
Cable	RG174/U
Cover	Black
OD	Ø2.7±0.15
SMA M	Gold
Frequency	2.4 – 2.5 GHz
Gain	3.0 dB
V.S.W.R	2.0:1
Impedance	50 OHM

GPS/GNSS	
Cable	RG174/U
Cover	Black
OD	Ø2.7±0.15
SMA M	Gold
Frequency	1575/1602 MHz
Gain	29dB
V.S.W.R	2.0:1
Impedance	50 OHM

LTE/4G/3G	
Cable	RG174/U
Cover	Black
OD	Ø2.7±0.15
SMA M	Gold
Frequency	700/2700MHz
Gain	2.5-3.0 dB
V.S.W.R	2.0:1
Impedance	50 OHM

ROHS

ADA-5-C/S/T

MIMO Antenna 3M Adhesive Mount

ADA-5-C/S/T 5-Cables Combination Antenna

Feature:
- Versatile Combination with **up to 5 Cables**
- GPS/GLONASS
- LTE/ 5G NR MIMO 698-2700 and 3300-3800MHz
- WiFi/DSRC MIMO 2.4/4.9-6.0 GHz
- Black or White Housing (C-Type D=55mm H=60mm)
- Screw/Magnetic/Tape/Velcro Mount
- IP67

Application:
- Machine to Machine Comunication & IOT
- Vehicle Tracking & Telematics
- First Responder & Emergency Services
- Asset Tracking & Monitoring

Comprehensive specification available on request

ADA-6XYZ

Black or white

ADA-6XYZ Combination Antenna

Feature:

- GNSS/ LTE/WIFI Combination Antenna
- GPS/ GLONASS/Beidou/Galileo/QZSS Supporting
- Full band GNSS + LTE/5G MIMO or Dual Band WiFi MIMO
- Versatile Combination with up to 3 Cables
- Cable Length & Connector are customizable
- Screw, Magnetic or Tape Mount
- Black or White Housing
- Robust Enclosure, IP67 Waterproof Resistant

Application:

- M2M Application
- Automotive T-Box Communication Application

ADA-8-C/S/T

ADA-8-C/S/T 9 Cables Combination Antenna

Feature:

- GNSS/ LTE/ 5G NR WiFi Combination Antenna
- Versatile Combination with **up to 9 Cables**
- GPS/GLONASS
- LTE/ 5G NR MIMO 698-2700 and 3300-3800MHz
- WiFi MIMO 2.4/5.0-5.8 GHz
- DSRC 5.8-6.0 GHz
- IP67 Rated Waterproof
- Black or White Housing
- Screw/Magnetic/tape/Velcro Mount

Application:

- Machine to Machine Communication & IOT
- Vehicle Tracking & Telematics
- First Responder & Emergency Services
- Asset Tracking & Monitoring

Comprehensive specification available on request

ADA-9XYZ

ADA-9XYZ Screw Mount Combination Antenna

Feature:
- GNSS/ LTE/ 5G NR WiFi Combination Antenna
- Versatile Combination with up to 3 Cables
- GPS/GLONASS/Beidou/Galileo/QZSS Supporting
- LTE/ 5G NR MIMO or Dual Band WiFi MIMO + Full Band GNSS
- IP67 Rated Waterproof and ESD Protection
- Black or White Housing

Application:
- Machine to Machine Comunication & IOT
- Vehicle Tracking & Telematics
- First Responder & Emergency Services
- Asset Tracking & Monitoring

ADA-10-WXYZ

ADA-10-WXYZ Screw Mount Combination Antenna

Feature:

- GNSS/ LTE/ 5G WiFi Combination Antenna
- Versatile Combination with **up to 6 Cables**
- GPS/GLONASS/Beidou/Galileo/QZSS Supporting
- Full Band GNSS, LTE / 5G NR MIMO and Dual Band WiFi MIMO + DSRC (optional)
- IP67 Fully Waterproof and ESD Protection
- Black or White Housing

Application:

- Vehicle Tracking & Telematics
- Machine to Machine Comunication & IOT
- First Responder & Emergency Services
- Asset and remote Monitoring

RoHS/Reach

ADA-0030

Product Name: ADA-0030 LTE/5G Antenna

Feature:
- Support 5G, 4G, 3G & 2G applications
- Permanent mounting and detachable design
- Flexibility to different cable options
- Low profile structure design
- IPX7 fully waterproof
- Detachable type with N Female connector is available

Application:
- Data communication & transforming
- Wireless monitoring

RoHS/Reach

ADA-0040-5G

ADA-0040-5G LTE/5G Hinge Terminal Antenna

Feature:
- Swivel Blade Antenna with SMA male connector
- LTE frequency and 5G bands support
- 5 dBi Gain

Application:
- 4G/5G Router, Hub or Access point
- Small Base Station
- SOHO

RoHS/Reach

ADA-44DR

ADA-44DR Dead-Reckoning Receiver

Feature:
- 100% indoor/outdoor vehicle positioning
- 3-axis accelerometer and gyroscope sensor included
- Metallic base to enhance the grounding

Application:
- GNSS navigation for 3D positioning
- AVL applications
- Inertial navigation

ADA-0045-5G

ADA-0045-5G 5G/LTE Hinge Swivel Terminal Antenna

- LTE 698-960MHz, 1710-2690MHz, 3300-3800MHz Supported
- Hinge Rotatable, 90 Degree
- Connector: SMA Male

Application:
- LTE Router Application
- Smart Metering Application
- IoT Device Application

ADA-0062-5G

LTE/5G Dipole Antenna

- LTE/5G Dipole Antenna
- 2,0-5,0 dBi Gain
- Multi-band
- Adhesive tape mount
- Omni-radiant

RoHS

ADA-0068-5G

LTE/5G Dipole Antenna

- LTE/5G Dipole Antenna
- 2,0-5,0 dBi Gain
- Multi-band
- Adhesive tape mount
- Omni-radiant

RoHS

ADA-111H

ADA-111H GNSS High Gain Antenna

Feature:
- GPS/GLONASS/BeiDou/Galileo/QZSS bands
- 48dB High gain wide-band patch antenna
- TNC Connector

Application:
- AVL (Automatic Vehicle Location)
- Car Navigation and Navigation Devices
- Security Surveillance and Military & Security
- Vehicle tracking /Fleet Tracking/Asset Tracking
- Oil & Gas Industries
- Law Enforcement
- LBS & M2M Application

RoHS/Reach

ADA-125H

ADA-125H High-Accuracy GNSS Active Antenna

Feature:
- Supports GPS, GLONASS, BeiDou, Galileo and QZSS systems
- Substantial and environmental-resistance structure
- Proprietary antenna design provides the flexibility to reach a range of operational goals
- IP67 grade waterproof and ESD Protection
- Multi-Constellation and Signal-Frequency for faster initialization

Application:
- Geospatial Surveys
- Single & Multiple frequencies RTK positioning
- Vehicle Tracking
- Security Surveillance
- Precise Guidance
- Machine Control / AVL

ADA-158-5G

LTE/5G Blade Antenna

- LTE/5G Dipole Antenna
- 2,0-5,0 dBi Gain
- Multi Frequency Band
- Swivel SMA Connector
- Omni-radiant

RoHS

ADACTUS

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Preliminary

ADA-159-5G

LTE/5G Magnetic Foot Swivel Antenna

- LTE/5G Magnetic Foot Swivel Dipole Antenna
- 2,0-5,0 dBi Gain
- Multi Frequency Band
- 2.5m cable SMA Connector
- Omni-radiant

ADA-0269

ADA-0269 4G LTE/5G Outdoor Omni Antenna

Feature:
- LTE/5G Supporting
- Out-door Robust Antenna
- Easy Installation with N-Type Connector
- Omni-directional Radiation Pattern
- With Optional Bracket

Application:
- Gateway/ Router Application
- Machine to Machine Communication
- Smart Meters Application

RoHS/Reach

ADA-901-433

ADA-901-433 Integrable coil antenna

- Integrable
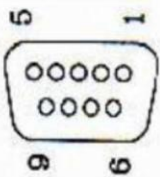- Ground Independant
- 433MHz

RoHS

Parameter	Description
Frequency Band	433MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0 : 1

	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	Ø1.13Cable/300±5+I-PEX Connector
Antenna Color	Black
Operating Temperature Range	-20'C~+60'C
Storage Temperature Range	-30'C~+70'C

DB09 Female

pin1 =n/c
pin2 =TXA
pin3 =RXA
pin4 =n/c
pin5 =GND
pin6 =n/c
pin7 =n/c
pin8 =n/c
pin9 =n/c

DB-9

interface with

RS-232 protocol

ADA-R168 Mini GNSS Locator

Feature:

- Active antenna on board helps the system integrators to do the design-in easily.
- High sensitive GNSS Locator and GNSS antenna.
- The perfect match is most suitable for any mobile devices, such as PND, GNSS PDA, personal tracker and any portable devices, which need GNSS features.

ADA-X4YZ

ADA-X4YZ External 3 in 1 Combination Antenna

Feature:
- GNSS / LTE/5G /WiFi / 3 in 1 Combination Antenna
- GPS/GLONASS/Beidou/Galileo/QZSS Supporting
- LTE MIMO or Dual Band WiFi MIMO + Full Band GNSS
- Versatile Combination with up to 3 Cables
- IP69K fully waterproof and ESD Protection
- Magnetic / Adhesive / Screw Mounted Options
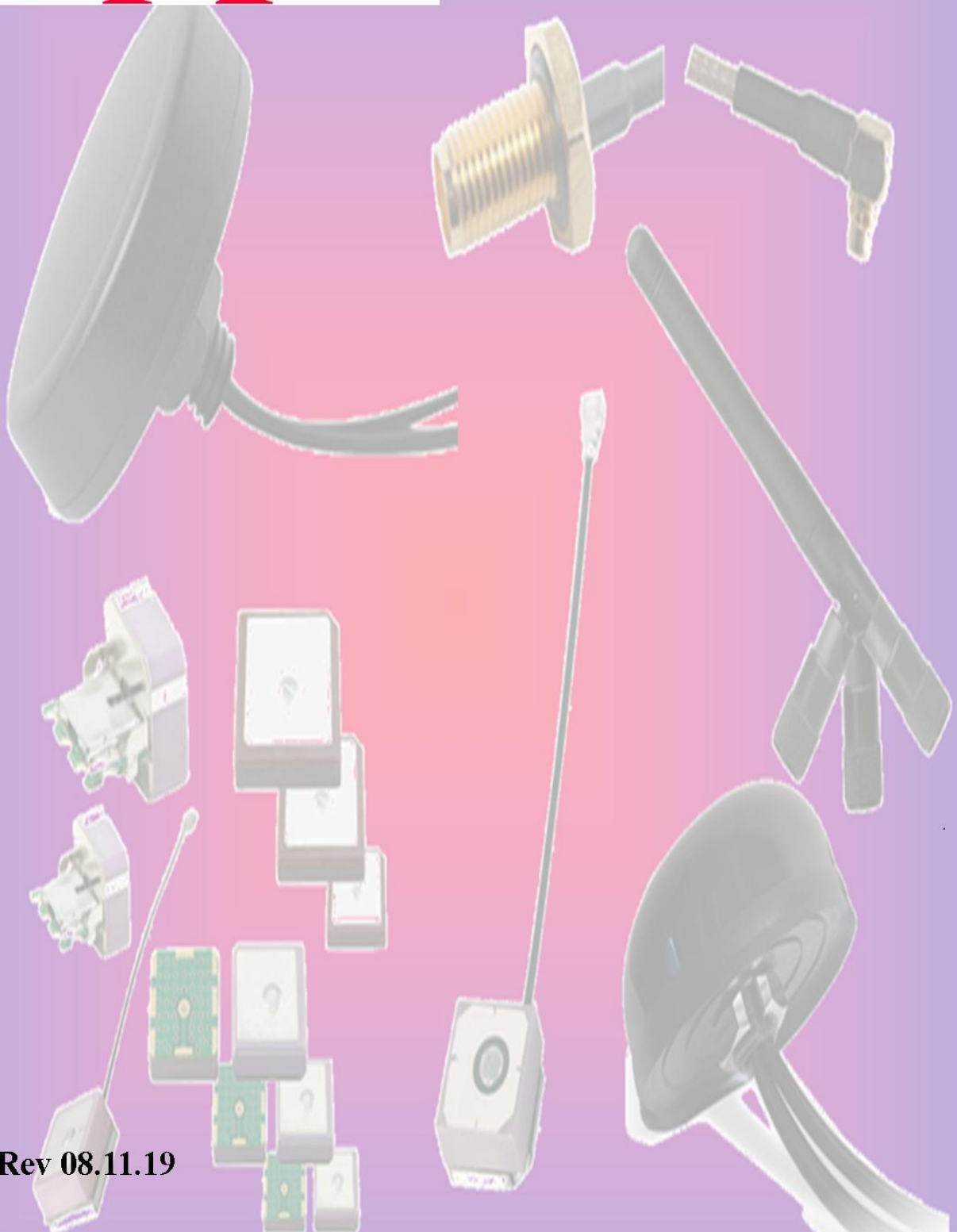- Cable & Connector are customizable

Application:
- Navigation System Application
- Machine to Machine Application
- IoT Application

RoHS/Reach

Notes

ADACTUS

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Rev 08.11.19

ecsn
Electronic Components Supply Network