



# ANTENNAS

NovAtel's antennas combine exceptional performance with unsurpassed reliability to suit a wide variety of markets and applications.

## High Performance GNSS Antennas

Provide the performance of a choke ring antenna without the size and weight. Typical applications include: survey, ground mapping, agriculture, construction & mining, temporary and permanent reference stations

## Compact GNSS Antennas

Smaller GNSS antennas in a range of form factors designed to meet specific application requirements. Typical applications include: unmanned vehicles, agriculture, construction & mining

## Fixed Reference GNSS Antennas

Deliver exceptional availability and high precision in permanently installed and continuously operating applications. Typical applications include: network RTK reference stations, CORS systems

For comprehensive antenna information, visit [www.novatel.com/products/gnss-antennas](http://www.novatel.com/products/gnss-antennas)



# PRECISE THINKING MAKES IT POSSIBLE

NovAtel is an original equipment manufacturer (OEM) that designs, manufactures and sells high-precision Global Navigation Satellite System (GNSS) positioning technology.

Our receivers, antennas, components and subsystems are at the heart of many of the world's most exciting precise-positioning applications.

The markets we serve are wide and varied, including aviation, survey, geomatics, machine control, mining, agriculture, marine and defense. Whatever your application, NovAtel technology will ensure your success.

To learn more, visit [www.novatel.com](http://www.novatel.com)

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# NovAtel Antennas

## High Performance GNSS Antennas



**Size:** 185 X 69 mm

**Weight:** < 0.5 kg


| Model       | Signals Received |    |    |         |    |         |     |     |    |        | LNA Gain | Power                  | RF Connector(s) | Compliance |
|-------------|------------------|----|----|---------|----|---------|-----|-----|----|--------|----------|------------------------|-----------------|------------|
|             | GPS              |    |    | GLONASS |    | GALILEO |     |     |    | L-band |          |                        |                 |            |
|             | L1               | L2 | L5 | L1      | L2 | E1      | E5A | E5B | E6 |        |          |                        |                 |            |
| GPS-701-GG  | ●                |    |    | ●       |    |         |     |     |    |        | 29 dB    | 4.5 to 18 V, 35 mA typ | TNC             | CE, FCC    |
| GPS-701-GGL | ●                |    |    | ●       |    |         |     |     |    | ●      | 29 dB    | 4.5 to 18 V, 35 mA typ | TNC             | CE, FCC    |
| GPS-702L    | ●                | ●  |    |         |    |         |     |     |    | ●      | 27 dB    | 4.5 to 18 V, 33 mA typ | TNC             | CE, FCC    |
| GPS-702-GG  | ●                | ●  |    | ●       | ●  |         |     |     |    |        | 29 dB    | 4.5 to 18 V, 35 mA typ | TNC, N          | CE, FCC    |
| GPS-702-GGL | ●                | ●  |    | ●       | ●  |         |     |     |    | ●      | 29 dB    | 4.5 to 18 V, 35 mA typ | TNC             | CE, FCC    |
| GPS-703-GGG | ●                | ●  | ●  | ●       | ●  | ●       | ●   | ●   |    |        | 29 dB    | 4.5 to 18 V, 36 mA typ | TNC             | CE, FCC    |
| GPS-704-X   | ●                | ●  | ●  | ●       | ●  | ●       | ●   | ●   | ●  | ●      | PASSIVE  | N/A                    | TNC             | CE         |

## Compact GNSS Antennas



**Size:** 66 x 17 mm

**Weight:** 0.113 kg

|                  |                                                                                     |  |  |  |  |  |  |  |  |  |                                                                 |
|------------------|-------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|-----------------------------------------------------------------|
|                  |                                                                                     |  |  |  |  |  |  |  |  |  |                                                                 |
| ANT-26C1GA-TBW-N |  |  |  |  |  |  |  |  |  |  | 33 dB      2.5 to 24 V, 30 mA typ      TNC      CE, FCC, DO-160 |



**Size:** 89 x < 21 mm

**Weight:** < 0.227 kg

|                 |   |   |  |  |  |  |  |  |   |       |                        |     |                               |
|-----------------|---|---|--|--|--|--|--|--|---|-------|------------------------|-----|-------------------------------|
| ANT-35C1GA-TW-N | ● |   |  |  |  |  |  |  |   | 33 dB | 2.5 to 24 V, 30 mA typ | TNC | CE, FCC, FAA TSO-C144, D0-160 |
| ANT-35C1GLA-TRW | ● |   |  |  |  |  |  |  | ● | 33 dB | 2.5 to 24 V, 35 mA typ | TNC | CE, FCC, FAA TSO-C144, D0-160 |
| ANT-35C2GA-TW   | ● | ● |  |  |  |  |  |  |   | 33 dB | 2.5 to 24 V, 50 mA typ | TNC | CE, FCC, FAA TSO-C144, D0-160 |



**Size:** 119 x 76 x < 23 mm

**Weight:** < 0.25 kg

|                  |   |   |  |   |   |  |  |  |  |   |       |                        |     |                               |
|------------------|---|---|--|---|---|--|--|--|--|---|-------|------------------------|-----|-------------------------------|
| ANT-A72GA-TW-N   | ● | ● |  |   |   |  |  |  |  |   | 33 dB | 2.5 to 24 V, 50 mA typ | TNC | CE, FCC, FAA TSO-C144, DC-160 |
| ANT-A71GLA4-TW   | ● |   |  | ● |   |  |  |  |  | ● | 40 dB | 2.5 to 24 V, 39 mA typ | TNC | CE, FCC, FAA TSO-C144, DC-160 |
| ANT-A72GLA-TW-N  | ● | ● |  |   |   |  |  |  |  | ● | 33 dB | 2.5 to 24 V, 35 mA typ | TNC | CE, FCC, FAA TSO-C144, DO-160 |
| ANT-A72GLA4-TW-N | ● | ● |  |   |   |  |  |  |  | ● | 40 dB | 2.5 to 24 V, 35 mA typ | TNC | CE, FCC, FAA TSO-C144, DO-160 |
| ANT-A72GOLA-TW   | ● | ● |  | ● | ● |  |  |  |  | ● | 33 dB | 2.5 to 24 V, 50 mA typ | TNC | CE, FCC, FAA TSO-C144, DC-160 |

## Fixed Reference GNSS Antennas



**Size:** 308 x 223 mm

**Weight:** 4.1 Kg

[illegible]

**Size:** 380 x 200 mm

**Weight: 7.6 Kg**

[illegible]