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

OEM Component Antennas

OEM antenna modules that can be quickly and easily integrated into OEM manufacturers' proprietary equipment

For comprehensive antenna information, visit

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

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Refer to www.novatel.com for specification revisions
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Antennas

NovAtel Antennas

High Performace GNSS Antennas

Size: 185 × 69 mm
Weight: 500 g

***** High vibration variant as well as high vibration color variants grey/olive drab/desert tan available

****** High vibration variant avaialable

Compact GNSS Antennas

Size: 69 × 19 mm
Weight: 0.184 kg

Size: 69 × <22 mm
Weight: 0.153 kg

Size: 66 × <23 mm
Weight: 0.113 kg

Size: 89 × <21 mm
Weight: <0.227 kg

Size: 119 × 76 × <23 mm
Weight: <0.25 kg

Fixed Reference GNSS Antennas

Size: 380 × 200 mm
Weight: 7.6 kg

Size: 308 × 223 mm
Weight: 4.1 kg

OEM Component Antennas

Size: 143 × 30 mm
Weight: 0.120 kg

SIGNALS RECEIVED

MODEL	GPS			GLONASS			GALILEO				BeiDou			L-Band	LNA GAIN	POWER	RF CONNECTOR(S)	COMPLIANCE
	L1	L2	L5	L1	L2	L3	E1	E5a	E5b	E6	B1	B2	B3					
GPS-701-GG	+			+											29 dB typ	4.5 to 18 VDC, 35 mA typ	TNC female	CE, FCC
GPS-701-GGL	+			+			+				+			+	29 dB typ	4.5 to 18 VDC, 35 mA typ	TNC female	CE, FCC
GPS-702L	+	+					+				+			+	27 dB typ	4.5 to 18 VDC, 33 mA typ	TNC female	CE, FCC
GPS-702-GG*	+	+		+	+										29 dB typ	4.5 to 18 VDC, 35 mA typ	TNC, N type	CE, FCC
GPS-702-GGL	+	+		+	+		+				+			+	29 dB typ	4.5 to 18 VDC, 35 mA typ	TNC female	CE, FCC
GPS-703-GGG**	+	+	+	+	+	+	+	+	+		+	+			29 dB typ	4.5 to 18 VDC, 36 mA typ	TNC, N type	CE, FCC
GPS-704-X	+	+	+	+	+	+	+	+	+	+	+	+	+	+	PASSIVE	N/A	TNC female	CE
ANT-26C1GOA-196MNSB	+			+							+			+	33 dB typ	2.5 to 24 VDC, <40 mA	SMA male (on 4.96 m cable)	CE, FCC
ANT-26C1GA-MTB	+														33 dB typ	2.5 to 24 VDC, <50 mA typ	TNC	CE, FCC
ANT-26C1GA-TBW-N	+														33 dB typ	2.5 to 24 VDC, 30 mA typ	TNC	CE, FCC, DO-160
3GOXX16A4-XTR-1-2-CERT	+														33 dB typ	2.5 to 24 VDC, 30 mA typ	TNC	CE, FCC, FAA TSO-C144, DO-160
3GOXX16A4-XTR-1-1-CERT	+	+													L1 33 dB, L2 35 dB typ	2.5 to 24 VDC, 50 mA typ	TNC	CE, FCC, FAA TSO-C144, DO-160
42G1215A-XT-1-CERT	+	+													L1 31 dB, L2 33 dB typ	2.5 to 24 VDC, <50 mA typ	TNC	CE, FCC, FAA TSO-C144, DC-160
42GO16A4-XT-1-CERT	+			+							+			+	40 dB typ	2.5 to 24 VDC, 39 mA typ	TNC	CE, FCC, FAA TSO-C144, DC-160
42G1215A-XT-1-2-CERT	+	+									+			+	33 dB typ	2.5 to 24 VDC, 35 mA typ	TNC	CE, FCC, FAA TSO-C144, DO-160
42G1215A-XT-1-3-CERT	+	+									+			+	40 dB typ	2.5 to 24 VDC, 35 mA typ	TNC	CE, FCC, FAA TSO-C144, DO-160
42GOXX16A4-XT-1-1-CERT	+	+		+	+						+	+		+	33 dB typ	2.5 to 24 VDC, 50 mA typ	TNC	CE, FCC, FAA TSO-C144, DC-160
GNSS-750	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41 dB ± 3	3.3 to 12 VDC, 100 mA typ	N type with TNC adapter	CE, FCC
ANT-C2GA-TW-N	+	+													L1 31 dB , L2 33 dB typ	2.5 to 24 VDC, 35 mA typ	TNC	CE, FCC
Pinwheel OEM	+	+		+	+		+	+	+		+	+		+	22 dB typ	5.0 to ±5% VDC, 40 mA typ	MMCX, right angle female	CE, FCC