

Antennas



Exceptional performance.
Unsurpassed reliability.

NovAtel Antennas

SIGNALS RECEIVED

	MODEL	SIGNALS RECEIVED									
		GPS			GLONASS						
		L1	L2	L5	L1	L2	L3				
VEXXIS® GNSS-800 Series											
 <p>Size: 179 x 55 mm Weight: 0.5 kg</p>	GNSS-802	+	+		+	+					
	GNSS-802L	+	+		+	+					
	GNSS-804	+	+		+	+					
	GNSS-804L	+	+		+	+					
	GNSS-850	+	+	+	+	+	+				
VEXXIS® GNSS-500 Series											
 <p>Size: 155 x 45 mm Weight: 0.45 kg</p>	GNSS-501	+			+						
	GNSS-502	+	+		+	+					
Compact GNSS Antennas											
 <p>Size: 69 x 19 mm Weight: 0.184 kg</p> <p>Size: 69 x 22 mm Weight: 0.153 kg</p>	ANT-26C1GOA-196MNSB	+			+						
	ANT-26C1GA-MTB	+									
 <p>Size: 66 x 23 mm Weight: 0.113 kg</p>	ANT-26C1GA-TBW-N	+									
 <p>Size: 89 x 21 mm Weight: 0.227 kg</p>	3GOXX16A4-XTR-1-2-CERT	+									
	3GOXX16A4-XTR-1-1-CERT	+	+								
Fixed Reference GNSS Antennas											
 <p>Size: 380 x 200 mm Weight: 7.6 kg</p>	GNSS-750	+	+	+	+	+	+	+	+		
 <p>Size: 308 x 223 mm Weight: 4.1 kg</p>	ANT-C2GA-TW-N	+	+								
OEM Component Antennas											
 <p>Size: 143 x 30 mm Weight: 0.120 kg</p>	Pinwheel® OEM	+	+		+	+					

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Galileo				BeiDou			L-Band	SPECIFICATIONS			
E1	E5a	E5b	E6	B1	B2	B3		LNA Gain	Power	RF Connector(s)	Compliance
+				+				29 dB typ	3.8 to 18 VDC, 60 mA max	TNC female	CE, FCC
+				+			+	29 dB typ	3.8 to 18 VDC, 60 mA max	TNC female	CE, FCC
+		+		+	+			29 dB typ	3.8 to 18 VDC, 60 mA max	TNC female	CE, FCC
+		+		+	+		+	29 dB typ	3.8 to 18 VDC, 60 mA max	TNC female	CE, FCC
+	+	+	+	+	+	+	+	29 dB typ	3.8 to 18 VDC, 60 mA max	TNC female	CE, FCC
+				+			+	29 dB typ	3.3 to 18 VDC, 20 mA typ	TNC female	CE, FCC
+		+		+	+		+	29 dB typ	3.3 to 18 VDC, 20 mA typ	TNC female	CE, FCC
				+			+	33 dB typ	2.5 to 24 VDC, <40 mA	SMA male (on 4.96 m cable)	CE, FCC
								33 dB typ	2.5 to 24 VDC, <50 mA typ	TNC	CE, FCC
								33 dB typ	2.5 to 24 VDC, 30 mA typ	TNC	CE, FCC, DO-160
								33 dB typ	2.5 to 24 VDC, 30 mA typ	TNC	CE, FCC, FAA TSO-C144, DO-160
								L1 33 dB, L2 35 dB typ	2.5 to 24 VDC, 50 mA typ	TNC	CE, FCC, FAA TSO-C144, DO-160
+	+	+	+	+	+	+	+	41 dB ± 3	3.3 to 12 VDC, 100 mA typ	N-Type with TNC adapter	CE, FCC
								L1 31 dB, L2 33 dB typ	2.5 to 24 VDC, 35 mA typ	TNC	CE, FCC
+	+	+		+	+		+	22 dB typ	5.0 to ±5% VDC, 40 mA typ	MMCX, right angle female	CE, FCC



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

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