

Antennas



Exceptional performance.
Unsurpassed reliability.

NovAtel Antennas

SIGNALS RECEIVED

			MODEL	GPS			GLONASS		
				L1	L2	L5	L1	L2	L3
VEXXIS® GNSS-800 Series									
 Size: 179 x 55 mm Weight: 0.5 kg		GNSS-802	+	+			+	+	
		GNSS-802L	+	+			+	+	
		GNSS-804	+	+			+	+	
		GNSS-804L	+	+			+	+	
		GNSS-850	+	+	+		+	+	+
VEXXIS® GNSS-500 Series									
 Size: 155 x 45 mm Weight: 0.45 kg		GNSS-501	+				+		
		GNSS-502	+	+			+	+	
Compact GNSS Antennas									
 Size: 90 x 20 mm Weight: 0.20 kg Size: 90 x 27 mm Weight: 0.35 kg		GPS-301	+						
		GNSS-303L	+	+	+		+	+	
 Size: 120 L x 80 W x 30 H mm Weight: 0.28 kg		GNSS-302L-A	+	+			+	+	
		GPS-302-A	+	+					
		GPS-302L-A	+	+					
		GNSS-303L-A	+	+	+		+	+	
Fixed Reference GNSS Antennas									
 Size: 380 x 200 mm Weight: 7.6 kg		GNSS-750	+	+	+		+	+	+
 Size: 308 x 223 mm Weight: 4.1 kg		ANT-C2GA-TW-N	+	+					

SIGNALS RECEIVED

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
								26 dB typ	3.8 to 8 VDC, 35 mA typ	TNC male	CE, FCC
+	+	+	+	+	+	+	+	26 dB to 30 dB typ	3.8 to 6 VDC, 60 mA typ	TNC male	CE, FCC
							+	26 dB to 33 dB typ	3.8 to 6 VDC, 20 mA typ	TNC male	CE, FCC
								26 dB to 29 dB typ	3.8 to 6 VDC, 60 mA typ	TNC male	CE, FCC
							+	26 dB to 30 dB typ	3.8 to 6 VDC, 60 mA typ	TNC male	CE, FCC
+	+	+	+	+	+	+	+	26 dB to 30 dB typ	3.8 to 6 VDC, 60 mA typ	TNC male	CE, FCC
+	+	+	+	+	+	+	+	41 dB $\pm$ 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



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

sales@novatel.com

1-800-NOVATEL (US & Canada) or 403-295-4900

China 0086-21-68882300

Europe 44-1993-848-736

SE Asia & Australia 61-400-883-601

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