

# Antennas

Exceptional performance.  
Unsurpassed reliability.



# Hexagon | NovAtel® Antennas

## SIGNALS RECEIVED

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

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## SPECIFICATIONS

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
+		+		+	+		+	L1 34 dB, L2 38 dB	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 ± 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



# About Hexagon | NovAtel®

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications. Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous — ensuring a scalable, sustainable future.

NovAtel, part of Hexagon, is a global technology leader, pioneering end-to-end solutions for assured positioning for land, sea, and air. NovAtel designs, manufactures and sells high precision positioning technology developed for efficient and rapid integration. Its solutions are empowering intelligent positioning ecosystems in vital industries that depend on the ability to tackle the most complex challenges in the most demanding environments. Learn more at [novatel.com](http://novatel.com).

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 3.8bn EUR. Learn more at [hexagon.com](http://hexagon.com) and follow us @HexagonAB.

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