

# Antennas

Exceptional performance.  
Unsurpassed reliability.



# Hexagon | NovAtel Antennas

SIGNALS RECEIVED

VEXXIS GNSS-800 Series



Size: 176 x 55 mm  
Weight: 0.5 kg

MODEL	GPS			GLONASS		
	L1	L2	L5	L1	L2	L3
GNSS-802	+	+		+	+	
GNSS-802-N	+	+		+	+	
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	+	+		+	+	

## SIGNALS RECEIVED

## SPECIFICATIONS

Galileo				BeiDou			L-Band			
E1	E5a	E5b	E6	B1	B2	B3		LNA Gain	Power	RF Connector
+				+				29 dB typ	3.8 to 18 VDC, 60 mA max	TNC female
+				+				29 dB typ	3.8 to 18 VDC, 60 mA max	N-Type
+				+			+	29 dB typ	3.8 to 18 VDC, 60 mA max	TNC female
+		+		+	+			29 dB typ	3.8 to 18 VDC, 60 mA max	TNC female
+		+		+	+		+	29 dB typ	3.8 to 18 VDC, 60 mA max	TNC female
+	+	+	+	+	+	+	+	29 dB typ	3.8 to 18 VDC, 60 mA max	TNC female
+				+			+	29 dB typ	3.3 to 18 VDC, 20 mA typ	TNC female
+		+		+	+		+	L1 34 dB typ, L2 38 dB typ	3.3 to 18 VDC, 20 mA typ	TNC female

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## SIGNALS RECEIVED

			GPS			GLONASS		
			L1	L2	L5	L1	L2	L3
<b>Compact GNSS Antennas</b>								
	Size: 67 x 18 mm Weight: 0.1 kg	<b>2G15A-XTB-1</b>	+					
	Size: 89 x 19 mm Weight: 0.18 kg	<b>3G15A-XT-1</b>	+					
	Size: 89 x 27 mm Weight: 0.35 kg	<b>3GNSSA-XT-1</b>	+	+	+	+	+	
	Size: 119 x 76 x 18 mm Weight: 0.19 kg	<b>42G1215A-XT-1</b>	+	+				
	Size: 119 x 76 x 27 mm Weight: 0.35 kg	<b>42GNSSA-XT-1</b>	+	+	+	+	+	
	Size: 69 x 19 mm Weight: 0.23 kg	<b>G3ANT-2A196MNS-4</b>	+			+		
	Size: 119 x 76 x 18 mm Weight: 0.23 kg	<b>G3Ant-42A4T1</b>	+			+		
	Size: 86 x 57 x 22 mm Weight: 0.19 kg	<b>G3Ant-4AT1</b>	+			+		
	Size: 90 x 32 mm Weight: 0.35 kg	<b>G5Ant-3AMT1</b>	+	+		+	+	
	Size: 90 x 22 mm Weight: 0.26 kg	<b>G5Ant-3AT1</b>	+	+		+	+	
	Size: 119 x 76 x 23 mm Weight: 0.23 kg	<b>G5ANT-42AT1</b>	+	+		+	+	
	Size: 119 x 76 x 23 mm Weight: 0.23 kg	<b>G5Ant-42AT1-A</b>	+	+		+	+	

## SIGNALS RECEIVED

## SPECIFICATIONS

Galileo				BeiDou			L-Band			
E1	E5a	E5b	E6	B1	B2	B3		LNA Gain	Power	RF Connector
								33 dB	3.8 - 15 VDC 35 mA max	TNC Bulkhead
								33 dB	3.8 - 15 VDC 70 mA max	TNC
+	+	+		+	+		+	33 dB	2.7 - 15 VDC 40 mA max	TNC
								33 dB	3.8 - 15 VDC 70 mA max	TNC
+	+	+		+	+		+	33 dB	2.7 - 15 VDC 40 mA max	TNC
+				+			+	33 dB	3.8 - 15 VDC 70 mA max	SMA
+				+			+	40 dB	3.8 - 15 VDC 70 mA max	TNC
+				+			+	33 dB	3.8 - 15 VDC 70 mA max	TNC
+			+	+	+		+	33dB	3.8 - 15 VDC 70 mA max	TNC
+			+	+			+	33 dB	3.8 - 15 VDC 70 mA max	TNC
+			+	+			+	33 dB	3.8 - 15 VDC 70 mA max	TNC
+			+	+	+		+	33 dB	3.8 - 15 VDC 70 mA max	TNC

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SIGNALS RECEIVED

	MODEL	SIGNALS RECEIVED					
		GPS			GLONASS		
		L1	L2	L5	L1	L2	L3
<b>Fixed Reference GNSS Antennas</b>							
 <p>Size: 380 × 200 mm Weight: 7.6 kg</p>	GNSS-750	+	+	+	+	+	+
<b>Controlled Reception Pattern Antennas (CRPAs)</b>							
 <p>Size: 139.7 × 15.7 mm Weight: &lt;0.43 kg (typical)</p>	4NF-5.5CG1215P-XM-x 4NF-5.5CG1215P-XS-x	+	+				
	Size: 139.7 × 15.7 mm Weight: <0.43 kg (typical)	+		+			

## SIGNALS RECEIVED

## SPECIFICATIONS

Galileo				BeiDou			L-Band				
E1	E5a	E5b	E6	B1	B2	B3		LNA Gain	Power	RF Connector	Notes
+	+	+	+	+	+	+	+	41 dB typ	3.3 to 12 VDC, 100 mA typ	N-Type with TNC adapter	
								Passive	Passive	XM = MCX XS = SMA	<b>Color Code (x)</b> 1 = Gloss White 2 = Lusterless Gray 3 = Camo Green 4 = Lusterless Black 5 = Desert Tan
								Passive	Passive	XM = MCX XS = SMA	<b>Color Code (x)</b> 1 = Gloss White 2 = Lusterless Gray 3 = Camo Green 4 = Lusterless Black 5 = Desert Tan



# About Hexagon | NovAtel

Hexagon is a global leader in digital reality solutions, combining sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, infrastructure, public sector, and mobility applications.

Our technologies are shaping production and people-related 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).

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