

ABOUT HARXON

Founded in 2008, Harxon Corporation is a subsidiary company of BDStar, the first company listed in China's satellite navigation industry. Harxon focus on the development and production of high precision GNSS antenna, vehicle antenna, wireless data radio and smart antenna, committed to providing high performance solutions for global partners in various applications including surveying and mapping, geodetic reference networks, UAVs, precision agriculture, autonomous vehicles, robots, construction and mining, timing applications, etc.

**A Leading Brand of
GNSS Positioning Antenna Solution Provider**

HARXON CORPORATION

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GNSS ANTENNA BROCHURE

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SMART ANTENNA



Model	Frequency								Integrated Module	Positioning Accuracy			Peak Gain	LNA GAIN	Noise Figure	Power	RF CONNECTOR	MOUNTING	Physical		Image
	GPS	GLONASS	GALILEO	BeiDou	QZSS	IRNSS	SBAS	L-Band		Single Point	DGPS	RTK							Weight	Dimension	
HX-ME403A	L1C/A, L2C, L2P(Y), L5	G1/G2	E1/E5a/E5b	B1I/B2I/B3I/B1C/B2a	L1C/A, L2C, L5		L1C/A		RTK Module: UM960	Horizontal: 1.5m Vertical: 2.5m	Horizontal: 0.4m Vertical: 0.8m	Horizontal: 0.8cm+1ppm Vertical: 1.5cm+1ppm	3dBi	23±2dB	≤2dB	5V 500mW	GH1.25-6P	Screw Mount	≤15g	Φ46*H19.2mm	
HX-ME404A	L1C/A, L2C, L2P(Y), L5	G1/G2	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a	L1C/A, L2C, L5		L1C/A		RTK Module: UM980				3dBi	23±2dB	≤2dB	5V 500mW	GH1.25-6P	Screw Mount	≤15g	Φ46*H19.2mm	
HX-MR402A	L1C/A, L2C, L2P(Y), L5	G1/G2	E1/E5a/E5b	B1I/B2I/B3I/B1C/B2a	L1C/A, L2C, L5		L1C/A		RTK Module: UM960				2.8dBi	23±2dB	≤2dB	3.8~12V 5V tyb. 200mA typ.	GH1.25-8P	Screw Mount	≤30g	Φ48*H38mm	 IP67
HX-MR401A	L1C/A, L2C, L2P(Y), L5	G1/G2	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a	L1C/A, L2C, L5		L1C/A		RTK Module: UM980				2.8dBi	23±2dB	≤2dB	3.8~12V 5V tyb. 200mA typ.	GH1.25-8P	Screw Mount	≤40g	Φ48*H38mm	 IP67
HX-ME401A	L1C/A, L2C, L2P(Y), L5	G1/G2	E1/E5a/E5b	B1I/B2I/B3I/B1C/B2a	L1C/A, L2C, L5		L1C/A		RTK Module: UM960				4.0 dBi	23±2dB	≤2dB	5V 500mW	HY-2.0-AWT-6	Screw Mount	≤80g	Φ90*H24.4mm	
HX-ME402A	L1C/A, L1C, L2C, L2P(Y), L5	G1/G2	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1C/A, L1C, L2C, L5		L1C/A	●	RTK Module: UM980				4.0 dBi	23±2dB	≤2dB	5V 500mW	HY-2.0-AWT-6	Screw Mount	≤80g	Φ90*H24.4mm	
HX-ME407A	L1C/A, L2C, L2P(Y), L5	G1/G2	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1C/A, L2C, L5		L1C/A		RTK Module: UM960 MCU+ Radio Module+ 4G Module+ LoRa Antenna (915MHZ/868MHz) + 4G Antenna				5.0dBi	≥26dB	≤2dB	5V	PHSD-WT-2X8A	Screw Mount	≤160g	Φ150*27.25mm	

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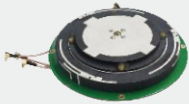
SURVEY GNSS ANTENNA

IPMS ISO 9001:2015 ISO 14001:2015 OHSAS 18000 CE FCC RoHS REACH

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X-SURVEY OEM ANTENNA



Model	Frequency								Special Features	Peak Gain	LNA GAIN	Noise Figure	Power	RF CONNECTOR	MOUNTING	Physical		Image
	GPS	GLONASS	GALILEO	BeiDou	QZSS	IRNSS	SBAS	L-Band								Weight	Dimension	
HX-SE407A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	4G	GNSS:5.5dBi	L2: 34±2dB L1: 32±2dB	≤2dB	3.3V-12V 45mA	GNSS: MMCX-JW 4G: IPEX I	Screw Mount	≤220g	Φ127.8*20.3 mm	
HX-SE408A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5	L5	L1/L5	●	WiFi/BT	GNSS: 4.5dBi	30±2dB	≤2dB	3.3V-12V 45mA	GNSS: IPEX I WIFI: IPEX I	Screw Mount	≤130g	Φ95.7*13.3mm	
HX-SE409A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	4G (WiFi Expandable)	GNSS: 5dBi	30±2dB	≤2dB	3.3V-12V 45mA	GNSS: MMCX-JW 4G: IPEX I WIFI: IPEX I	Screw Mount	≤80.5g	Φ111.0*19.8mm	
HX-SE410A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	Dual 4G WiFi	GNSS:5.5dBi	L2: 34±2dB L1: 32±2dB	≤2dB	3.3V-12V 45mA	GNSS: MMCX-JW 4G_1: IPEX Female 4G_2: IPEX Male WIFI: IPEX Male	Screw Mount	≤220g	Φ127.8*20.3 mm	
HX-CSX137A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5	L5	L1/L5	●	Dual 4G/5G WiFi/BT	GNSS: 4.5dBi	L2: 40±2dB L1: 38±2dB	≤2dB	3.3V-12V 45mA	MCX-C-JW1.5	Screw Mount	≤150g	Φ111*23.8mm	
HX-CSX100A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5	L5	L1/L5	●	Dual 4G/5G WiFi/BT	GNSS: 5dBi	L2: 40±2dB L1: 38±2dB	≤2dB	3.3V-12V 45mA	MCX-C-JW1.5	Screw Mount	≤220g	Φ125*27.5mm	

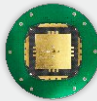
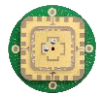
OEM GNSS ANTENNA



Model	Frequency								Special Features	Peak Gain	LNA GAIN	Noise Figure	Power	RF CONNECTOR	MOUNTING	Physical		Image
	GPS	GLONASS	GALILEO	BeiDou	QZSS	IRNSS	SBAS	L-Band								Weight	Dimension	
HX-SE401A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		4dBi	25±2dB	≤2dB	3.3V-16V 45mA	MCX-C-JW	Screw Mount	≤75g	Φ82*18.5mm	
HX-SE402A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	Radio Frequency 858-878MHz	GNSS:5dBi 868M:0.5dBi	L2: 40±2dB L1: 38±2dB	≤2dB	3.3V-12V 45mA	GNSS: MMCX-C-JW1.5 915M: IPEX I Male	Screw Mount	107.5g	Φ122*23.8mm	
HX-SE403A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	Radio Frequency 902-928MHz	GNSS:5dBi 915M:0.5dBi	L2: 40±2dB L1: 38±2dB	≤2dB	3.3V-12V 45mA	GNSS: MMCX-C-JW1.5 915M: IPEX I Male	Screw Mount	107.5g	Φ122*23.8mm	
HX-SE406A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5			5dBi	L2: 30±2dB L1: 30±2dB	≤1.8dB	3.3V-12V ≤27mA	MCX-C-JW	Screw Mount	≤75g	Φ120*15.8 mm	
HX-CSX231A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5			4.5dBi	L1: 28±2dB L5: 30±2dB	≤2dB	3.3V-12V 45mA	SMA-J	Screw Mount	≤70g	Φ90*21.8mm	
Available Options	[Dual-band] HX-CSX231A(L1+L2), HX-CSX231A(L1+L5)																	
HX-CSX014A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		4dBi	33±2dB	≤2dB	3.3V-12V 50mA	MMCX-JW	Screw Mount	≤90g	64*64*13.4mm	
Available Options	[Dual-band] HX-CSX014A(L1+L2), HX-CSX014A(L1+L5)																	
HX-CSX078A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		5.5dBi	40±2dB	≤2dB	3.3V-12V 45mA	MCX-C-JW1.5	Screw Mount	≤220g	Φ111*24.5mm	

OEM GNSS ANTENNA



Model	Frequency								Special Features	Peak Gain	LNA GAIN	Noise Figure	Power	RF CONNECTOR	MOUNTING	Physical		Image
	GPS	GLONASS	GALILEO	BeiDou	QZSS	IRNSS	SBAS	L-Band								Weight	Dimension	
HX-CSX048A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		5.5dBi	40±2dB	≤2dB	3.3V-12V 45mA	MCX-C-JW1.5	Screw Mount	≤220g	Φ152*25mm	
HX-CS7017A	L1/L2	L1/L2		B1I/B2I/B3I/B1C /B2a/B2b			L1/L5			5.5dBi	40±2dB	≤2dB	3.3V-12V 45mA	MCX-C-JW1.5	Screw Mount	≤200g	Φ122*17.5mm	
HX-CUX003A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		2.5dBi	36±2dB	≤2dB	3.3V-12V 55mA	MMCX-JW	Screw Mount	≤60g	Φ60*16.7mm	
Available Options	[Dual-band] HX-CU7001A																	
HX-CH4013A	L1/L2	L1/L2								4dBi	40±2dB	≤2dB	3V-3.3V 35mA	U.FL	Screw Mount	≤90g	75*70*12.8mm	

HELIX ANTENNA



Model	Frequency								Special Features	IP Rating	Peak Gain	LNA GAIN	Noise Figure	Power	RF CONNECTOR	MOUNTING	Physical		Image
	GPS	GLONASS	GALILEO	BeiDou	QZSS	IRNSS	SBAS	L-Band									Weight	Dimension	
HX-CUX012A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●			3dBi	33±2dB	≤2dB	3.3V-12V 40mA	IPEX I	Screw Mount	8g	Φ46*21.9mm	
HX-CUX615A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		IP67	3dBi	33±2dB	≤2dB	3.3V-12V 35mA	SMA Male	Screw Mount	≤45g	Φ50*33.2mm	
HX-CUX005A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	WiFi/BT 2.4GHz/5.8GHz		2.5dBi	33±2dB	≤2dB	3.3V-5V 55mA	MCX-50KE	Customizable	≤10g	Φ44*37mm	
HX-CUX618A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	WiFi/BT 2.4GHz/5.8GHz /7.2GHz	IP67	2.8dBi	33±2dB	≤2dB	3.3V-12V 55mA	IPEX I	Screw Mount	≤30g	Φ43.6*40.8mm	
HX-CH7018A	L1/L2/L5	L1/L2	E1/E5a/E5b	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●			2.8dBi	33±2dB	≤2dB	3.3V-5V 55mA	IPEX Female	Screw Mount	≤8g	Φ44*28mm	
HX-CH7609A	L1/L2/L5	L1/L2	E1/E5a/E5b	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		IP67	2.8dBi	33±2dB	≤2dB	3.3V-5V 55mA	SMA Male	Screw Mount	≤30.5g	Φ43.6*40.8mm	
HX-CU7005A	L1/L2/L5	L1/L2	E1/E5a/E5b	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●			2.5dBi	33±2dB	≤2dB	3.3V-12V 55mA	U.FL-LP-066J1-A	PCB Compression	10g	Φ30*34mm	

HELIX ANTENNA



Model	Frequency								Special Features	IP Rating	Peak Gain	LNA GAIN	Noise Figure	Power	RF CONNECTOR	MOUNTING	Physical		Image
	GPS	GLONASS	GALILEO	BeiDou	QZSS	IRNSS	SBAS	L-Band									Weight	Dimension	
HX-CU7603A	L1/L2/L5	L1/L2	E1/E5a/E5b	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		IP67	2.5dBi	33±2dB	≤2dB	3.3V-12V 55mA	SMA Male	Screw Mount	25g	Φ33*46mm	
HX-CH6017A	L1/L2	L1/L2	E1	B1/B2	L1/L2		L1				2.5dBi	33±2dB	≤2dB	3.3V-12V 55mA	U.FL-LP-066J1-A	PCB Compression	7g	Φ23.8*46.8mm	
HX-CH6601A	L1/L2	L1/L2	E1	B1/B2	L1/L2		L1			IP67	2.5dBi	33±2dB	≤2dB	3.3V-12V 55mA	SMA Male	Screw Mount	25g	Φ27.5*59mm	
HX-CHX600A	L1/L2/L5	L1/L2	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		IP67	4.2dBi	33±2dB	≤2dB	3.3V-12V 55mA	SMA Male	Screw Mount	45g	Φ40*82.6mm	
HX-CH7603A	L1/L2	L1/L2	E1	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2		L1			IP67	4.2dBi	33±2dB	≤2dB	3.3V-12V 55mA	SMA Male	Screw Mount	38g	Φ40*75.2mm	
HX-CH3602A	L1	L1	E1	B1	L1		L1			IP67	2.5dBi	33±2dB	≤2dB	3.3V-12V 35mA	SMA Male	Customizable	25g	Φ28.5*59.2mm	
HX-CH4601A	L1/L2	L1/L2	E1		L1/L2		L1			IP67	2.5dBi	33±2dB	≤2dB	3.3V-12V 55mA	SMA Male	Customizable	25g	Φ28.5*59.2mm	
HX-CHX602A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		IP67	2dBi	33±2dB	≤2dB	3.3V-12V 55mA	SMA Male		95g	Φ25*107mm	
HX-HE202A	L1/L5	L1/L3	E1/E5a/E5b	B1I/B1C/B2a	L1/L5	L5	L1/L5	●			2.5dBi	33±2dB	≤1.3dB	3.3V-12V 25mA	MCX-K	Customizable	≤8g	Φ38.7*41.8mm	
HX-HE205A	L1/L2	L1/L2/L3	E1/E5b	B1I/B2I	L1/L2			●			2.7dBi	33±2dB	≤1.5dB	3.3V-12V 35mA	MCX-Female	Customizable	≤20g	Φ38.7*39.4mm	
HX-HE402A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●			2.5dBi	33±2dB	≤2dB	3.3V-12V 55mA	MCX-J	Customizable	≤6g	Φ28.5mm*34mm	
HX-HR101A	L1	L1	E1	B1	L1		L1				0.5dBi	28±2dB	0.8dB	3.3V-12V 20mA	SMA-J	Customizable	11g	Φ14.9*38.5mm	
HX-CUX038A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	4G		2.5dBi	33±2dB	≤1.5dB	3.3V-12V 30mA	IPEX I	Screw Mount	≤15g	Φ44*73.9mm	
HX-HE401A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●			2.8dBi	28±2dB	≤1.5dB	3.3V-12V 30mA	IPEX I	Screw Mount	≤10g	Φ45*39.8mm	

RUGGEDIZED ANTENNA



Model	Frequency								IP Rating	Peak Gain	LNA GAIN	Noise Figure	Power	RF CONNECTOR	MOUNTING	Physical		Image
	GPS	GLONASS	GALILEO	BeiDou	QZSS	IRNSS	SBAS	L-Band								Weight	Dimension	
HX-CVX606A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B11/B21/B31/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	IP67, IP69K	5.5dBi	40±2dB	≤2dB	3.3V-18V 45mA	TNC Female	Standard Survey/ Magnetic/ Screw Mount	800g	Φ150*57.3mm	
HX-CVX600A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B11/B21/B31/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	IP67, IP69K	5.5dBi	40±2dB	≤2dB	3.3V-18V 45mA	TNC Female	Standard Survey/ Screw Mount	600g	Φ150*53mm	
HX-CVX603A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B11/B21/B31/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	IP67	4.0dBi	40±2dB	≤2dB	3.3V-16V 45mA	TNC Female	Screw Mount	250g	Φ90.6*26mm	

CHOKE RING ANTENNA



Model	Frequency								IP Rating	Peak Gain	LNA GAIN	Noise Figure	Power	RF CONNECTOR	MOUNTING	Physical		Image
	GPS	GLONASS	GALILEO	BeiDou	QZSS	IRNSS	SBAS	L-Band								Weight	Dimension	
HX-CGX611A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B11/B21/B31/B1C /B2a/B2b	L1/L2/L5	L5	L1/L5	●	IP67	6.5dBi	50±2dB	≤2dB	3.3V-12V 60mA	TNC Female	Standard Survey Mount	1.8kg	Φ185*148mm	
HX-CGX601A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B11/B21/B31/B1C /B2a/B2b	L1/L2/L5	L5	L1/L5	●	IP67	7dBi	50±2dB	≤2dB	3.3V-12V 60mA	TNC Female	Standard Survey Mount	10.5kg	Φ379*312mm	
HX-CGX606A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B11/B21/B31/B1C /B2a/B2b	L1/L2/L5	L5	L1/L5	●	IP67	6dBi	50±2dB	≤2dB	3.3V-12V 60mA	TNC Female	Standard Survey Mount	5.6kg	Φ322*261mm	
HX-CG7601A	L1	L1/L2/L3	E1	B11/B21/B31/B1C /B2a/B2b	L1/L2		L1		IP67	6dBi	50±2dB	≤2dB	3.3V-12V 60mA	TNC Female	Standard Survey Mount	5.6kg	Φ322*261mm	

VEHICLE ANTENNA



Model	Frequency								Special Features	IP Rating	Peak Gain	LNA GAIN	Noise Figure	Power	RF CONNECTOR	MOUNTING	Physical		Image
	GPS	GLONASS	GALILEO	BeiDou	QZSS	IRNSS	SBAS	L-Band									Weight	Dimension	
HX-VR401A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		IP67	4dBi	37±2dB	≤2dB	3V-12V 45mA	SMA-K	Magnetic/ Screw Mount	260g	Φ69*24.9mm	
HX-VR402A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		IP67, IP69K	4dBi	37±2dB	≤2dB	3V-12V 45mA	TNC-K	Screw Mount	260g	Φ69*23.5mm	
HX-CVX608A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		IP67	4dBi	33±2dB	≤2dB	3V-12V 45mA	SMA Male	Screw Mount	160g	81*81*25mm	
Available Options	[Dual-band] HX-CVX608A(L1+L2), HX-CVX608A(L1+L5)																		
HX-AULD078	L1/L2/L5	L1/L2/L3	E1/E5a/E5b	B1/B2	L1/L2/L5/L6	L5	L1/L5	●		IP67	3dBi	33±2dB	≤2dB	3V-12V 45mA	MCX Male/ FAKRA-Z Female	Magnetic/ Screw Mount	36g	Φ69*29.9mm	
HX-AULT006	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		IP65	4.5dBi	40±2dB	≤2dB	3.3V-12V 55mA	FAKRA-Z Female	Screw Mount	310g	95.3*95.3*34.5mm	
HX-AULT008	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●		IP65	4.5dBi	40±2dB	≤2dB	3.3V-12V 55mA	FAKRA-Z Female	Glue Mount	300g	95.3*95.3*34.5mm	
HX-AUST002	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	5G 1/2 Antenna: 824-960M& 1710-2690M 3.3-3.6G&4.8-5G 5G 3/4 Antenna: 1710-2690M 3.3-3.6G&4.8-5G V2X 1/2: 5.85-5.925G	IP67	GNSS: 3.5dBi	38±2dB	≤2dB	3.3V-12V 55mA	FAKRA-Z Female	Screw Mount	365g	160*85*68.2mm	
HX-AULT002	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C/B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	5G 1/2/3/4 Antenna: 824-960M& 1710-2690M 3.3-3.6G&4.8-5G V2X 1/2: 5.85-5.925G	IP67	GNSS: 5dBi	38±2dB	≤2dB	3.3V-12V 55mA	FAKRA-Z Female	Screw Mount	440g	Φ136*58mm	

AVIATION ANTENNA



Model	Frequency								IP Rating	Peak Gain	LNA GAIN	Noise Figure	Power	RF CONNECTOR	MOUNTING	Physical		Image
	GPS	GLONASS	GALILEO	BeiDou	QZSS	IRNSS	SBAS	L-Band								Weight	Dimension	
HX-CAX601A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	IP67	4dBi	36±2dB	≤2dB	3.3V-12V 45mA	TNC Female	Screw Mount	150g	Φ90*27.5mm	
HX-CA7607A	L1/L2	L1/L2	E1	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2		L1		IP67	4dBi	36±2dB	≤2dB	3.3V-12V 45mA	TNC Female	Screw Mount	150g	Φ90*27.5mm	
HX-CA7606A	L1/L2	L1/L2	E1	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2		L1		IP67	4dBi	36±2dB	≤2dB	3.3V-12V 45mA	TNC Female	Screw Mount	150g	115*71.8*41.9mm	
HX-CA3603A	L1	L1	E1	B1					IP67	4dBi	36±2dB	≤2dB	3.3V-12V 45mA	SMA Female	Screw Mount	130g	Φ90*36.3mm	
HX-CA7603A	L1/L2	L1/L2	E1	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2		L1		IP67	4dBi	36±2dB	≤2dB	3.3V-12V 45mA	SMA Female	Screw Mount	150g	Φ90*27.5mm	

TIMING ANTENNA



Model	Frequency								IP Rating	Peak Gain	LNA GAIN	Noise Figure	Power	RF CONNECTOR	MOUNTING	Physical		Image
	GPS	GLONASS	GALILEO	BeiDou	QZSS	IRNSS	SBAS	L-Band								Weight	Dimension	
HX-TR401A	L1/L2/L5	L1/L2/L3	E1/E5a/E5b/E6	B1I/B2I/B3I/B1C /B2a/B2b	L1/L2/L5/L6	L5	L1/L5	●	IP67, IP69K	4.0dBi	28±2dB	≤2dB	3.3V-12V 18mA	TNC-K	Through-hole Mount	260g	Φ69*48.5mm	
HX-TR201A	L1/L2	L1/L2	E1	B1C/B1I/B2I					IP67, IP69K	4.0dBi	37±2dB	≤2dB	3.3V-12V 45mA	N-K	Through-hole Mount	260g	Φ69*48.5mm	
HX-CT3602A	L1	L1	E1	B1I/B1c	L1				IP67	3dBi	28±3dB	≤3.5dB	2.7V-9V 9±3mA	TNC Female	Screw Mount	85g	Φ60*54mm	
HX-CT4603A	L1	L1	E1	B1	L1				IPX6	5.5dBi	40±3dB	≤2.5dB	3V-5V 15±3mA	Type N Female	Bracket Pole Mount	375g	Φ110*105mm	