

Antenna Line Card

Precision OEM and Housed: Single, Dual, Triple, Full GNSS, Active and Passive GNSS, and Iridium Band antennas with optional L-Band support

Antennas listed in **blue** have pre-filters ➤ L-Band Correction Services, A = Active, P = Passive

Full GNSS																						Discover Full GNSS Antennas	
Element	Mounting	Model	➤	Gain (dB)	Weight (g)	Bands																	
						L1	L2	L5	G1	G2	G3	E1	E5a	E5b	E6	B1	B2	B2a	B3	L5	L6	Iridium	
Quadrifilar	Embedded Helical	HC979EXF	➤	28/35	12	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
		HC990EXF	➤	28/35	15	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	Housed Helical	HC979XF	➤	28/35	42	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
		HC990XF	➤	28/35	45	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Crossed Dipole	Embedded*	VSE6028L	➤	28	80	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
		VSM6028L	➤	28	58/69	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	5/8" -11tpi / 1" -14tpi	VP6000	➤	35/50	800	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
		VSP6037L	➤	37	500	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
		VSP6037L-MAR	➤	37	500	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	4 M6 Screws	SSL990XF	➤	28/35	88	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
		VSS6037L	➤	37	340	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	Screw	SSL990XF	➤	28/35	88	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Choke Ring	5/8" x 11tpi	VC6050	➤	50	4000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
		VC6150		50	4000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Accutenna	Embedded	TW3997XF	➤	28	75	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
		TW3990EXF	➤	37	75	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	Housed	TW3990XF	➤	37	185	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		

GPS/QZSS L1/L2/L5
GLONASS G1/G2/G3
GALILEO E1/E5a/E5b/E6
BEIDOU B1/B2/B2a/B3
IRNSS/NAVIC L5
QZSS L6
IRIDIUM



HC990E



VSP6037L



SSL990XF



VC6050

Antennas listed in **blue** have pre-filters ➤ L-Band Correction Services, A = Active, P = Passive

Triple Band																						Discover Triple Band GNSS Antennas
Element	Mounting	Model	✈	Gain (dB)	Weight (g)	Bands																
						L1	L2	L5	G1	G2	G3	E1	E5a	E5b	E6	B1	B2	B2a	B3	L5	L6	Iridium
Accutenna	Embedded*	TW3929E	✈	26	75	●	●	●	●	●	●	●	●	●		●	●	●		●		
		TW3967	✈	28	75	●	●	●	●	●	●	●	●	●		●	●	●		●		
		TW3967XF	✈	28	75	●	●	●	●	●	●	●	●	●		●	●	●		●		
		TW3967LGXF	✈	20	75	●	●	●	●	●	●	●	●	●		●	●	●		●		
		TW3972E	✈	37	75	●	●	●	●	●	●	●	●	●		●	●	●		●		
		TW3972EXF	✈	35/37	75	●	●	●	●	●	●	●	●	●		●	●	●		●		
	Magnetic/Screw+	TWA928L	✈	28	155	●	●	●	●	●	●	●	●	●		●	●	●		●		
		TW7972	✈	32	180	●	●	●	●	●	●	●	●	●		●	●	●		●		
		TW7972XF	✈	32	180	●	●	●	●	●	●	●	●	●		●	●	●		●		
	Through Hole+	TW7976	✈	32	180	●	●		●	●		●			●	●	●		●	●		
		TW3972	✈	37	185	●	●	●	●	●	●	●	●	●		●	●	●		●		
		TW3972XF	✈	35/37	185	●	●	●	●	●	●	●	●	●		●	●	●		●		
ARINC	TW3972LGXF	✈	20	185	●	●	●	●	●	●	●	●	●		●	●	●		●			
	ARM928XF	✈	37	143	●	●	●	●	●	●	●	●	●		●	●	●		●			
	Quadriflier	Embedded Helical	HC976E	✈	28/35	12	●	●		●	●		●			●	●			●	●	
HC997EXF			✈	28/35	15	●	●	●	●	●	●	●	●			●	●	●		●		
HC977E			✈	28/35	12	●	●	●	●	●	●	●	●	●		●	●	●		●		
Housed Helical		HC976	✈	28/35	42	●	●		●	●		●			●	●			●	●		
		HC977/XF	✈	28/35	42	●	●	●	●	●	●	●	●	●		●	●	●		●		
		HCS977XF	✈	28/35	33	●	●	●	●	●	●	●	●	●		●	●	●		●		
Crossed Dipole	4 M6 Screws	AJ977XF	✈	40	245	●	●	●	●	●	●	●	●	●		●	●	●		●		
		VSS6337L	✈	37	340	●	●	●	●	●	●	●	●	●		●	●	●		●		
	%* x 11tpi	VP6300		35/50	800	●	●	●	●	●	●	●	●		●	●	●		●			
	%* - 11tpi / 1" - 14tpi	VSP6337L	✈	37	500	●	●	●	●	●	●	●	●	●		●	●	●		●		
		VSP6337L-MAR	✈	37	500	●	●	●	●	●	●	●	●	●		●	●	●		●		
Screw	SSL997XF	✈	28/35	88	●	●	●	●	●	●	●	●	●		●	●	●		●			

GPS/QZSS L1/L2/L5 GLONASS G1/G2/G3 GALILEO E1/E5a/E5b/E6 BEIDOU B1/B2/B2a/B3 IRNSS/NAVIC L5 QZSS L6 IIRIDIUM



HC997XF



TW3967



ARM928XF



VSP6337L











VSP6337L



TW3972XF

Antennas listed in blue have pre-filters ➤ L-Band Correction Services, A = Active, P = Passive

Dual Band																							
Discover Dual Band GNSS Antennas																							
Element	Mounting	Model		Gain (dB)	Weight (g)	Bands																	
						L1	L2	L5	G1	G2	G3	E1	E5a	E5b	E6	B1	B2	B2a	B3	L5	L6	Iridium	
Accutenna	Embedded	TW1825		26	37	•		•	•			•	•			•		•					
		TW1829		26	37	•	•		•	•			•				•						
		TW1889XF		26	37	•	•		•	•	•		•		•		•						
		TW3867XF		28	70	•	•		•	•			•				•						
		TW3872E		35	75	•	•		•	•			•				•						
	Magnetic*	TW8825		27	55	•		•	•				•	•			•		•		•		
		TW8829		27	55	•	•		•	•			•				•						
		TW8889		27	55	•	•		•	•	•		•		•		•	•					
	Magnetic/Screw+	TW7872		32	180	•	•		•	•			•				•						
		TW7875		32	180	•		•	•				•	•			•		•				
		TW7876		32	180	•			•				•			•	•		•		•		
		TW7882		32	180	•	•		•	•	•		•		•		•	•		•		•	
	Through Hole+	TW3872		35	185	•	•		•	•			•				•						
		TW3882		35	185	•	•		•	•	•		•		•		•	•					
		TW3885T		35	185	•		•	•		•		•	•	•		•	•	•				
		TW3885		35	185	•		•	•		•		•	•	•		•	•	•				
		TW3892		35	185	•	•		•	•			•				•						
Button	SSL889XF		27	35	•	•		•	•	•		•		•		•	•						
Quadrifiler	Embedded Helical	HC843E		24/25	12	•	•		•	•			•			•						P	
		HC885EXF		28/35	12	•		•	•		•		•	•			•	•	•		•		A
		HC860E		28/35	12	•	•		•	•			•				•						
		HC871E		28	10	•	•		•	•			•				•						
		HC872E		28/35	12	•	•		•	•			•				•						
		HC882E		28/35	12	•	•		•	•	•		•		•		•	•					
	Housed Helical	HC843		28/35	42	•	•		•	•			•				•						P
		HC885/XF		28/35	12	•		•	•		•		•	•	•		•	•	•		•		
		HC860		28/35	42	•	•		•	•			•				•						A
		HC871		28	25	•	•		•	•			•				•						
		HC871SXF		28	23	•	•		•	•			•				•						
		HC872/XF		28/35	42	•	•		•	•			•				•						
		HCS872XF		28/35	33	•	•		•	•			•				•						
		HC882/XF		28/35	42	•	•		•	•	•		•		•		•	•					
		HC882XF		28/35	33	•	•		•	•	•		•		•		•	•					

GPS/QZSS L1/L2/L5

GLONASS G1/G2/G3

GALILEO E1/E5a/E5b/E6

BEIDOU B1/B2/B2a/B3

IRNSS/NAVIC L5

QZSS L6

IRIDIUM



HC882/XF



TW1825



HC885EXF



TW3882

Antennas listed in **blue** have pre-filters ➤ L-Band Correction Services, A = Active, P = Passive

Single Band																	Discover Single Band GNSS Antennas									
Element	Mounting	Model		Gain (dB)	Weight (g)	Bands																				
						L1	L2	L5	G1	G2	G3	E1	E5a	E5b	E6	B1	B2	B2a	B3	L5	L6	Iridium				
Accutenna	Embedded*	TW1721	28	20	●			●				●				●										
		TW1722	27	20	●			●					●				●									
		TW2706	28	35	●			●					●				●									
		TW2708	27	35	●			●					●				●									
	Magnetic*	TW4421	28	35	●			●																		
		TW4422	26	35	●			●																		
		TW4721	25	35	●			●				●					●									
		TW4722	23	35	●			●				●					●									
	Magnetic/Screw+	TW2100	27	110	●																					
		TW2102	24	110	●																					
		TW2410	28	110	●			●																		
		TW2412	26	110	●			●																		
		TW2710	28	110	●			●				●					●									
		TW2712	26	110	●			●				●					●									
		TW2743	21	110	●			●				●					●									
		TW2920	32	110	●			●				●					●									
	Through Hole+	TW3100	27	150	●																					
		TW3102	25	150	●																					
		TW3142	40	150	●																					
		TW3150	49	150	●																					
		TW3152	47	150	●																					
		TW3400	28	150	●			●																		
		TW3402	26	150	●			●																		
		TW3440	39	150	●			●																		
		TW3442	37	150	●			●																		
		TW3710	28	150	●			●				●					●									
		TW3712	26	150	●			●				●					●									
		TW3740	40	150	●			●				●					●									
		TW3742	38	150	●			●				●					●									
		TW3752	50	150	●			●				●					●									
		TW3742AJ	38	150	●			●				●					●									
		TW3752AJ	50	150	●			●				●					●									
Quadrifilar	Embedded Helical	HC771E	28	10	●			●				●				●										
	Housed Helical	HC771	28	25	●			●				●				●										

GPS/QZSS L1/L2/L5 GLONASS G1/G2/G3 GALILEO E1/E5a/E5b/E6 BEIDOU B1/B2/B2a/B3 IRNSS/NAVIC L5 QZSS L6 IIRIDIUM



TW4422



TW2712




HC771



TW3712

Antennas listed in blue have pre-filters ➤ L-Band Correction Services, A = Active, P = Passive

Single Band																					
Element	Mounting	Model		Gain (dB)	Weight (g)	Bands															
						L1	L2	L5	G1	G2	G3	E1	E5a	E5b	E6	B1	B2	B2a	B3	L5	L6
Single Feed	Embedded*	TW1010		26	20	•															
		TW1012		24	20	•															
		TW1027		24	20	•															
		TW1320		28	20	•			•												
		TW1322		26	20	•			•												
	Magnetic*	TW4020		28	35	•															
		TW4022		25	35	•															
		TW4027		24	35	•															
		TW4029		21	35	•															
		TW4037		15	35	•															
		TW4039		12	35	•															
		TW4039B		16	35	•															
		TW4320		28	35	•			•												
		TW4322		26	35	•			•												
	Magnetic/Screw ⁺	TW2010		28	110	•															
		TW2012		25	110	•															
	Through Hole ⁺	TW3010		28	150	•															
		TW3012		26	150	•															
		TW3040		40	150	•															
		TW3042		39	150	•															
		TW3320		28	150	•			•												
		TW3322		26	150	•			•												
		TW3370		41	150	•			•												
TW3372		40	150	•			•														
Accutenna	Embedded*	TW2108		28	35	•															
		TW1421		28	20	•			•												
		TW1422		26	20	•			•												
		TW1430		32	20	•			•												
		TW2406		28	35	•			•												
		TW2408		25	35	•			•												

GPS/QZSS L1/L2/L5

GLONASS G1/G2/G3

GALILEO E1/E5a/E5b/E6

BEIDOU B1/B2/B2a/B3

IRNSS/NAVIC L5

QZSS L6

IRIDIUM



TW1012



TW4039



TW3012



TW2408

Passive GNSS																			Discover Passive GNSS Antennas
Element	Mounting	Model		Gain (dB)	Weight (g)	Bands													
						L1	L2	L5	G1	G2	G3	E1	E5a	E5b	E6	B1	B2	B2a	
Accutenna	Embedded*	TW3967P		4.25	75	•	•	•	•	•	•	•	•	•		•	•		
	Magnetic/Screw+	TW7900P		-1.5/4.0	180	•	•	•	•	•	•	•	•	•		•	•		
		TW2710P		4.5	110	•			•			•				•			
		TW2643P		4.5	110	•			•			•				•			
	Through Hole+	TW3710P		4.5	150	•			•			•				•			

Iridium																			Discover Iridium Antennas
Element	Mounting	Model		Gain (dB)	Weight (g)	Bands													
						L1	L2	L5	G1	G2	G3	E1	E5a	E5b	E6	B1	B2	B2a	
Accutenna	Embedded*	TW1600		4.5	20														•
		TW2605		4.25	35														•
	Magnetic	TW4600		4.25	35														•
	Magnetic/Screw+	TW2600		4.25	110														•
		TW2600A		4.25	110														•
	Through Hole+	TW3600		4.25	150														•
Quadrifilar	Embedded Helical	HC600E		4.25	10														P
		HC610E		28	10														A
	Helical	HC600		4.25	25														P
		HC610		20	25														A

Smart Antennas - Standard Precision																	🔍 Discover Smart Antennas	
Model	Notes	Description	Mount	Typical Application	Voltage	Over-Voltage	L1	L2	L5	L-Band	CLAS	Active Filtering	Con Const	SBAS	Chan	Tx/Rx Signalling	1PPS Signalling	Rating
TW5252		GNSS Smart Antenna L1: 33-5252-7-yy-zz	Magnetic	Automotive/ Mobile			✓					✓	3	✓	72	RS232	NA	IP67
TW5262		GNSS Smart Antenna L1+LDR: 33-5262-7-yy-zz	Magnetic	Dead Reckoning - Automotive/ Mobile	5-36V		✓					✓	3	✓	72	RS232	NA	IP67
Ordering Format 33-5***-v-yy-zz-PCO v = Voltage: v = 7: 5 - 36V; 9: 5V yy = Radome: yy = 00: grey conical; 01: white conical; 10: grey low profile; 11: white low profile zz = length in meters: zz=05 Standard 5 meters; 15m, 25m special order PCO - default factory programming																		
TW5350		GNSS Timing Smart Antenna L1+1PPS: 33-5350-7-yy-zz	Thru-Hole	Infrastructure and Timing	5-36V	✓	✓					✓	3	✓	72	RS232	RS422/485	IP69K
TW5351		GNSS Timing Smart Antenna (non-magnetic) L1+1PPS: 33-5351-7-yy-zz	Thru-Hole	Specialized Data Logging and Survey	5-36V	✓	✓					✓	3	✓	72	RS232	RS422/485	IP69K
Ordering Format 33-5***-v-yy-zz v = Voltage: v = 7: 5 - 36V; 9: 5V yy = Radome: yy = 00: grey conical; 01: white conical; 10: grey low profile; 11: white low profile zz = length in meters: zz=05 Standard 5 meters; 15m, 25m special order PCO - default factory programming																		

GPS/QZSS L1/L2/L5
GLONASS G1/G2/G3
GALILEO E1/E5a/E5b/E6
BEIDOU B1/B2/B2a/B3
IRNSS/NAVIC L5
QZSS L6
IRIDIUM

* Embedded patch antennas and housed TW4xxx/TW8xxx weight is based on a 50 mm RG-174 cable and MCX straight male connector.
 The standard 5 m RG-174 cable weighs 66 g.
 + Housed TW2xxx/3xxx/7xxx weight is based on a bulkhead connector.

Smart Antennas - Standard Precision (continued)																		Q Discover Smart Antennas
Model	Notes	Description	Mount	Typical Application	Voltage	Over-Voltage	L1	L2	L5	L-Band	CLAS	Active Filtering	Con Const	SBAS	Chan	Tx/Rx Signalling	1PPS Signalling	Rating
TW5352		GNSS Smart Antenna L1: 33-5352-7-yy-zz	Thru-Hole	Automotive Mobile	5-36V	✓	✓					✓	3	✓	72	RS232	NA	IP69K
TW5354		GNSS (RS422) Timing Smart Antenna L1+1PPS: 33-5354-7-yy-zz	Thru-Hole	Industrial and Infrastructure	5-36V		✓					✓	3	✓	72	RS422/485	RS422/485	IP69K
TW5362		GNSS Smart Antenna L1+UDR: 33-5362-7-yy-zz	Thru-Hole	Dead Reckoning - Automotive/ Mobile	5-36V		✓					✓	3	✓	72	RS232	RS232	IP69K
TW5365		GNSS Smart Antenna L1+UDR: 33-5365-7-yy-zz	Thru-Hole	Dead Reckoning - Industrial Automation	5-36V		✓					✓	3	✓	72	RS422/485	RS232	IP69K
Ordering Format 33-5***-v-yy-zz v = Voltage: v = 7 : 5 - 36V; 9 : 5V yy = Radome: yy = 00 : grey conical; 01 : white conical; 10 : grey low profile; 11 : white low profile zz = length in meters: zz=05 Standard 5 meters; 15m, 25m special order PCO - default factory programming																		

Smart Antennas - High Precision																		
TW5382		GNSS(RS422) Precision Timing Smart Antenna L1+L2+1PPS: 33-5382-07-yy-zz	Thru-Hole	Critical Timing - Telecom/ Power Gen	5-36V	✓	✓	✓	opt		opt	XF	4	✓	184	RS422/485	RS422/485	IP69K
TW5384		GNSS(RS422) Precision Smart Antenna L1+L2+1PPS: 33-5384-07-yy-zz	Thru-Hole	Precise Position - (Base/Rover)	5-36V	opt	✓	✓	opt			XF	4	✓	184	RS422/485	RS422/485	IP69K
TW5386		GNSS(RS422) Precision Smart Antenna L1+L2+UDR+1PPS: 33-5386-07-yy-zz	Thru-Hole	Dead Reckoning - Precise Position (Rover)	5-36V	opt	✓	✓	opt			XF	4	✓	184	RS422/485	RS422/485	IP69K
TW5390		GNSS(RS422) Precision Smart Antenna L1+L2+LBAND+UDR+1PPS: 33-5390-09-yy-zz	Thru-Hole	Dead Reckoning - Precise Position (Rover)	5V	✓	✓	✓	opt	✓		XF	4	✓	184	RS422/485	RS422/485	IP69K
TW5394		GNSS(RS422) Precision Smart Antenna L1+L2+LBAND+1PPS: 33-5394-09-yy-zz	Thru-Hole	Dead Reckoning - Precise Position - Satellite Corrections (Base/Rover)	5V	✓	✓	✓		✓		XF	4	✓	184	RS422/485	RS422/485	IP69K
Ordering Format: 33-5***-xv-yy-zz x = Interface: x = 0 : RS422/485; 1 : USB; 2 : RS232; 3 : USB, BLE, WIFI v = Voltage: v = 7 : 5 - 36V; 9 : 5V yy = Radome: yy = 00 : grey conical; 01 : white conical; 10 : grey low profile; 11 : white low profile zz = length in meters: zz=05 Standard 5 meters; 15m, 25m special order PCO - default factory programming																		
TW5784		GNSS(USB) Precision Smart Antenna L1+L2+1PPS: 33-5784-19-yy-zz	Magnetic	Precise Positioning (Base/Rover)	USB 5V		✓	✓	opt			XF	4	✓	184	USB	NA	IP67
TW5786		GNSS(USB) Precision Smart Antenna L1+L2+UDR+1PPS: 33-5786-19-yy-zz	Magnetic	Dead Reckoning - Precise Position (Rover)	USB 5V		✓	✓			opt	XF	4	✓	184	USB	NA	IP67
TW5790		GNSS(USB) Precision Smart Antenna L1+L2+LBAND+UDR+1PPS: 33-5790-19-yy-zz	Magnetic	Dead Reckoning - Precise Position - Satellite Corrections (Rover)	USB 5V		✓	✓		✓		XF	4	✓	184	USB	NA	IP67
TW5794		GNSS(USB) Precision Smart Antenna L1+L2+LBAND+1PPS: 33-5794-19-yy-zz	Magnetic	Dead Reckoning - Precise Position - Satellite Corrections (Base/Rover)	USB 5V		✓	✓		✓		XF	4	✓	184	USB	NA	IP67
HCS885XF		GNSS Smart Helical Antenna for Precise Heading L1+L5 33-HCS885XF-x9	Flush Surface Mount 3x M2.5 screws	Precise Heading Drones, Robotics (Moving Base / Rover)	5 VDC		✓		✓			XF	4	✓	184	CMOS/RS232	Opt	IP67
HCS885EXF		GNSS Smart Embedded Helical Antenna for Precise Heading L1+L5 33-HCS885XF-x9	Flush Surface Mount Customer Defined	Precise Heading Drones, Robotics (Moving Base / Rover)	5 VDC		✓		✓			XF	4	✓	184	CMOS/RS232	Opt	IP67
Ordering Format: 33-5***-xv-yy-zz x = Interface: x = 0 : RS422/485; 1 : USB; 2 : RS232; 3 : USB, BLE, WIFI v = Voltage: v = 7 : 5 - 36V; 9 : 5V yy = Radome: yy = 00 : grey conical; 01 : white conical; 10 : grey low profile; 11 : white low profile zz = length in meters: zz=05 Standard 5 meters; 15m, 25m special order PCO - default factory programming																		

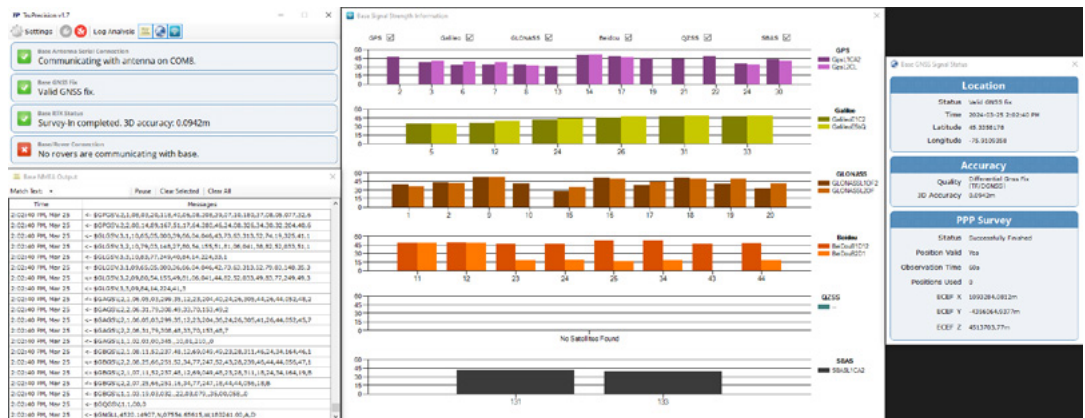
Antennas listed in **blue** have pre-filters ➤ L-Band Correction Services, A = Active, P = Passive

Smart Antennas - Available Product Options																		
TW5384L5	MOQ	GNSS (RS422) Precision Smart Antenna L1+L5+IPPS: 33-5384L5-07-yy-zz	Thru-Hole	Precise Position (Base/Rover)	5-36V	opt	✓	✓				XF	4	✓	184	RS422/485	RS422/485	IP69K
TW5384	MOQ	GNSS (RS232) Precision Smart Antenna L1+L2+IPPS: 33-5384L5-27-yy-zz	Thru-Hole	Precise Position (Base/Rover)	5-36V	opt	✓	✓				XF	4	✓	184	RS232	RS422/485	IP69K
TW5384L5		GNSS (RS232) Precision Smart Antenna L1+L5+IPPS: 33-5384L5-27-yy-zz	Thru-Hole	Precise Position (Base/Rover)	5-36V	opt	✓	✓				XF	4	✓	184	RS232	RS422/485	IP69K
TW5784L5		GNSS (USB) Precision Smart Antenna L1+L5+IPPS: 33-5784L5-19-yy-zz	Magnetic	Precise Position (Base/Rover)	USB 5V	opt	✓	✓				XF	4	✓	184	USB	NA	IP67
TW5386		GNSS (RS232) Precision Smart Antenna L1+L2+UDR+IPPS: 33-5386-27-yy-zz	Thru-Hole	Dead Reckoning - Precise Position (Rover)	5-36V	✓	✓	✓				XF	4	✓	184	RS232	RS422/485	IP69K
TW5390C		GNSS (RS422) Precision Smart Antenna L1+L2+CLAS+UDR+IPPS: 33-5390C-09-yy-zz	Thru-Hole	Dead Reckoning - Precise Position - Satellite (Rover)	5V		✓	✓		✓		XF	4	✓	184	RS422/485	RS422/485	IP69K
TW5790C		GNSS (USB) Precision Smart Antenna L1+L2+CLAS+UDR+IPPS: 33-5790C-19-yy-zz	Magnetic	Dead Reckoning - Precise Position - Satellite (Rover)	USB 5V		✓	✓		✓		XF	4	✓	184	USB	NA	IP67

Ordering Format: 33-5*-xx-yy-zz**
x = Interface: x = 0: RS422/485; 1: USB; 2: RS232; 3: USB, BLE, WIFI | **v = Voltage:** v = 7; 5 - 36V; 9: 5V | **yy = Radome:** yy = 00: grey conical; 01: white conical; 10: grey low profile; 11: white low profile | **zz = length in meters:** zz=05 Standard 5 meters; 15m, 25m special order | **PCO** - default factory programming

GPS/QZSS L1/L2/L5 GLONASS G1/G2/G3 GALILEO E1/E5a/E5b/E6 BEIDOU B1/B2/B2a/B3 IRNSS/NAVIC L5 QZSS L6 IRIDIUM

Calian TruPrecision



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info.gnss@calian.com | +1 613 591-3131 