

Multi-Band GNSS Active Antenna Patch & Helix

High-Performance Multi-Band GNSS Solutions
for High-Precision Positioning



Multi-Band Support

Comprehensive coverage of L1, L2, L5, and L6 signals for global positioning



L-Band Support

Reliable reception of satellite-based RTK correction signals



Ultra-Lightweight Design

Weighing only 9.7 g for optimal portability



Superior Signal Quality

Excellent axial ratio of ≤ 1.5 dB



Key Applications



Drone / UAV



Unmanned lawnmower robot



Survey



Smart Agriculture (Tractors, Harvesters)



Smart Construction (Excavators, Dump Trucks)



Product Lineup

Embedded Active Antenna (Antenna + LNA)

Series	Frequency	Gain (dBi)	Dimensions (mm)	Remark	Appearance
AGA424208	L1/L2	26~33	43 x 43 x 11		
AGA424214	L1/L2/L5	34	43 x 43 x 17		
AGA646422	L/L1/L2/L5/E6b	32~39	64 x 64 x 22	High-Performance	
AGAF3823 (Helix)	L/L1/L2/L5/E6b	30	Dia 48 x 28	Ultra-Lightweight	

External Active Antenna (Antenna + LNA)

Series	Frequency	Gain (dBic)	Dimensions (mm)	Remark	Appearance
AGA556022	L1/L2	24~27	55 x 60 x 22	Cable: RG174 5m Connector: SMA	
AGA556025	L1/L2/L5	28~32	50 x 60 x 25		
AGA848424	L/L1/L2/L5/E6b	26~31	84 x 84 x 24		
(Helix)	L/L1/L2/L5/E6b	Targeting Q2 2026			



Technical Support Service

- ✓ Customizable cable lengths and connector types available upon request
- ✓ Performance evaluation available within the customer's integrated system

