

Ultra-compact 16-element SLA-16B1L1-160

Anti-jamming Anti-spoofing

◆ PRODUCT INTRODUCTION

The SLA-16B1L1-160 ultra-compact 16-element anti-jamming antenna integrates 16 B1L1 receiving antennas, a 16-channel RF receiving module, and an anti-jamming processing module, outputting interference-free RF signals.

◆ FEATURES

- * Compact integrated design - Combines antenna, RF and anti-jamming modules in one unit, meeting the requirements for high reliability and low cost.
- * Reliable performance - Ensures stable GNSS reception in electromagnetic environments

◆ APPLICATIONS



Naval and Coast Guard Platforms



Armored Land Vehicles



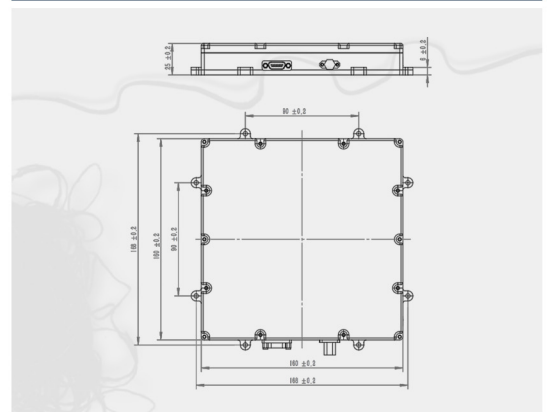
Critical Infrastructure EW Protection



Maritime EW Protection



Military Communications



PERFORMANCE

Parameters	Indicator	Remarks	
Anti-interference operating frequency point	BDS B1I/GPS L1/GAL E1: 1575±2MHz BDS B1I: 1561±2MHz	Dual-Band Simultaneous Anti-Jamming	
Operating mode	16-Element B1/L1/E1 Multi-Mode Anti-Jamming		
Anti-interference performance	Single Interference: ≥110dB		
	Three Interferences: ≥105dB		
	Six Interferences: ≥95dB		
	Nine Interferences: ≥90dB		
	Fifteen Interferences: ≥75dB		
SMA RF output	Interface	SMA-KF, DC-Blocked	Connects to the RF input port of the GNSS receiver
	Impedance	50Ω	
	Gain	40±5dB	
Power supply	DC 9~36V±10%	Customizable for higher input voltage	
Power consumption	≤20W		
Dimensions	160*160*30mm		
Weight	≤1000g		
Color	Gray-White (Default)	Optional Aircraft Gray/Military Green	
Storage temperature	-40°C~+65°C		
Operating temperature	-40°C~+65°C		