

## 5000-250 Dual Band Shark Fin Antenna



The **5000-250 Dual Band Shark Fin Antenna** is a mission-critical communication solution designed to meet the demanding needs of **emergency service operations**. By integrating **LTE and GPS functionalities** into a single, compact design, this antenna ensures **robust and reliable connectivity** in high-pressure situations. Its dual-band capability supports seamless communication across multiple frequency ranges, enabling **fast data transmission** and **precise location tracking**, both essential for efficient emergency response.

Built with resilience in mind, the Dual Band Shark Fin is constructed from **durable, weather-resistant materials** to ensure consistent performance in extreme environments. Its **sleek, aerodynamic design** allows for easy installation on emergency vehicles, making it a practical choice for **first response units, law enforcement, and other emergency teams**. This cutting-edge antenna delivers the advanced technology and dependability necessary for life-saving missions and protecting communities.

### Technical Specifications

Band	LTE	GPS
<b>Electrical Specifications</b>		
Frequency Range (MHz)	698-2700 MHz	1575-1609 MHz
Input Power	10W	LNA Specification: GPS, QZSS, GLONASS, BeiDou, Galileo
Gain	4dBi	27dB
Polarisation	Vertical	RHCP
VSWR	< 2.5:1	27dB
Impedance	50Ω	50Ω
Antenna Connection	Beige Fakra (m) 300mm RG316	Blue Fakra (m)
LNA Noise Figure	-	1.3dB
<b>Mechanical Specifications</b>		
Dimensions	H60 x W50 x L60	
Operating Temperature (°C)	-40 / +80°C (-40° / 176°F)	
Weight (g)	120g	

\*Tested using 5m of SBC-195 on 1.5m ground plane. \*\*Gain calculated using HFSS.  
Subject to change.