

5000-250 Semi-Covert Shark Fin Antenna



The **5000-250 Semi-Covert Shark Fin Antenna** is an OEM style solution designed to meet the demanding needs of both **emergency service operations** and **commercial fleets**. 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**. Having recently been awarded an **IP69K rating**, this demonstrates the antenna's waterproof capability as well as being durable in all tough weather conditions.

Technical Specifications

Part No.	5000-250	
Electrical Specifications		
Band	LTE	GPS
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
Mechanical Specifications		
Durability	IP69K	
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.

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