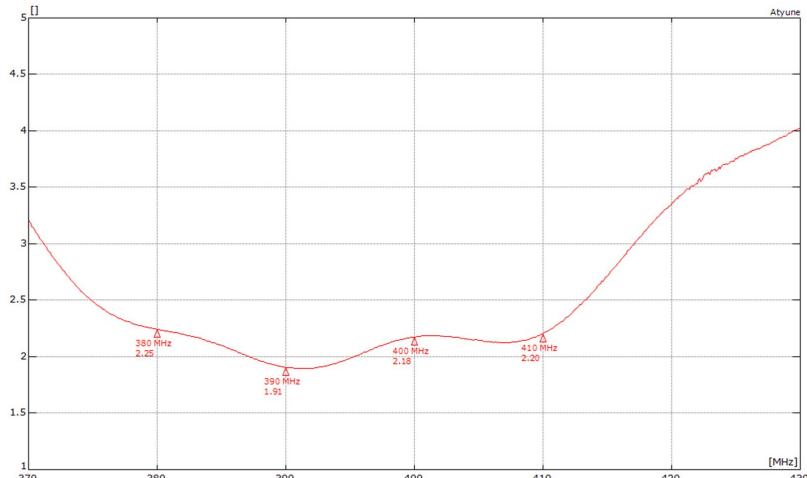


5000-270 Semi-Covert TETRA & GPS Shark Fin Antenna



VSFWR



The **Semi-Covert Shark Fin Antenna** is an OEM style solution designed to meet the demanding needs of **emergency service operations**. By integrating **TETRA & GPS functionality** into a single, compact design, this antenna ensures **robust and reliable connectivity** in high-pressure situations. Its dual-band capability supports communication across varying frequency ranges, enabling **TETRA communication** 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.	5000-270	
Electrical Specifications		
Band	TETRA	GPS
Frequency Range (MHz)	380-410 MHz	1575-1609 MHz
Input Power	10W	LNA Specification: GPS, QZSS, GLONASS, BeiDou, Galileo
Gain	-4.8dBi	27dB
Polarisation	Vertical	RHCP
VSWR	<2.5:1	-
Impedance	50Ω	50Ω
Antenna Connection	Beige Fakra 300mm RG316 (m)	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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