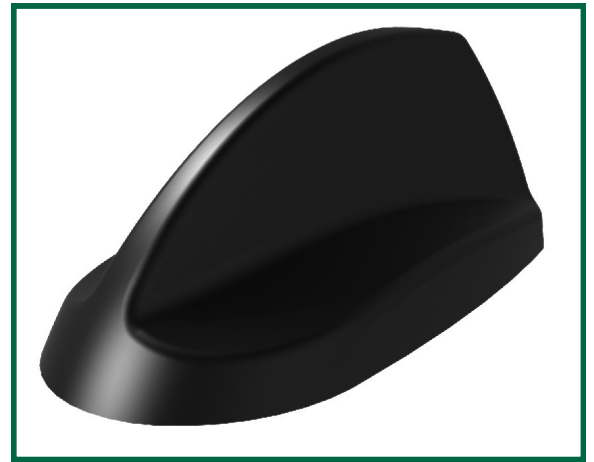


3G & Wi-Fi Antenna Specification



3G and Wi-Fi Roof Antenna



ROOFANTCOM

Electrical Data

Frequency Range (MHz)	Element 1	1575
	Element 2	698-960, 1710-2170, 2500-2700
	Element 3	2200-2700 & 4900-6000
	Element 4	Dependent on selected whip
Operational Bands	Element 1	GPS
	Element 2	2G / 3G / 4G
	Element 3	2.4GHz WLAN / Public Safety 4.9GHz / 5.8GHz WIFI
	Element 4	Dependent on selected whip
Peak Gain	Element 2	1dBi
	Element 3	2dBi
Polarisation		Vertical
Pattern		Omni-directional
Impedance		50Ω
Max Input Power (W)		Internal elements 25W / main whip 60W

GPS Data

Frequency Range (MHz)	1575
VSWR	<1.5:1 ± 4MHz
Gain: LNA	26dB
Polarisation	Right Hand Circular
Operating Voltage	3-7V DC (fed via coax)
Current	Typical 14mA

Mechanical Data

Operating Temperature	-40°C to +80°C
Dimensions	50mm x 120mm x 58mm