Sierra Wireless AirLink® Antenna: 4-in-1 SharkFin

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Tested and certified to operate with AirLink routers and gateways, the 4-in-1 SharkFin has a compact OEM style housing that contains 2x2 MiMo antenna function for 2G, 3G, and 4G LTE frequencies, an active antenna for GNSS with 26dB gain LNA and offers dual band Wi-Fi (2.4/5.0GHz) in a compact package.

		Specification
PART NO.		
		6001198
ELECTRICAL DATA		
Frequency Range	Elements 2 & 3	698-960, 1710-2170, 2500-3800MHz
	Element 4	2.4 / 4.9-6.0GHz
Operational Bands	Elements 2 & 3	2G/3G/4G LTE
	Element 4	2.4/5.0GHz Wi-Fi
Peak gain: Isotropic	Elements 2 & 3	2dBi (698-960MHz) | 5dBi (1710-3800MHz)
	Element 4	4dBi
Isolation with 5m 16' CS29	Cellular	> 11dB
Typical Efficiency w/o Cable Loss	Elements 2 & 3	> 50%
Correlation Co-efficient	Elements 2 & 3	< 0.2
Polarisation		Vertical
Pattern		Omni-directional
Impedance		50Ω
Max Input Power		25W

		Specification
GPS/GNSS DATA		
Frequency Range	Element 1	1562–1612MHz
VSWR		<2:1 ± 4MHz
Gain: LNA		26dB
Polarisation		Right Hand Circular
Operating Voltage		3–5V DC
Approval		E11
Current		<20mA
MECHANICAL DATA		
Dimensions	Total Height	50mm (2.2")
	Length	170mm (6.77")
	Width	60mm (2.4")
Operating Temp		-40° / +80°C (-40° / 176°F)
Material		ASA, EPDM, Aluminium Alloy
Colour		Black
Weight		923g
Ingress Protection		IP 66
MOUNTING INFO		
Mounting Type		Bolt Mount
Hole Mounting		19mm (3/4")
CABLE DATA		
Cell / LTE Cables	Type	CS29
	Length	4m (13ft)
	Termination	SMA Plug
GPS Cable	Type	CS29
	Length	4 (13ft)
	Termination	SMA Plug
Wi-Fi Cables	Type	CS32
	Length	4 (13ft)
	Termination	RP-SMA

SIERRA WIRELESS®