



Sierra Wireless AirLink® Antenna: 3-in-1 SharkFin

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Tested and certified to operate with AirLink routers and gateways, the 3-In-1 SharkFin has a compact OEM style housing that contains 2x2 MiMo antenna elements for 2G, 3G, and 4G LTE frequencies and an active antenna for GNSS with 26dB gain LNA.

		Specification
PART NO.		6001119
ELECTRICAL DATA		
Frequency Range	Elements 2 & 3	698-960, 1710-2170, 2500-3800MHz
Operational Bands	Elements 2 & 3	2G/3G/4G LTE
Peak gain: Isotropic	Elements 2 & 3	2dBi (698-960MHz), 5dBi (1710-3800MHz)
Isolation with 4m/13' 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
MECHANICAL DATA		
Dimensions	Total Height (excluding whip)	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		913g
Ingress Protection		IP 66

		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
MOUNTING DATA		
Mounting Type		Bolt Mount
Mounting Hole		19mm (3/4")
CABLE DATA		
	Cable	CS29
Cell / LTE Cables	Length	4m (13ft)
	Termination	SMA Plug
GPS Cable	Cable	RG174
	Length	4m (13ft)
	Termination	SMA Plug

About Sierra Wireless

Sierra Wireless is building the Internet of Things with intelligent wireless solutions that empower organizations to innovate in the connected world. We offer the industry's most comprehensive portfolio of 2G, 3G, and 4G embedded modules and gateways, seamlessly integrated with our secure cloud and connectivity services. OEMs and enterprises worldwide trust our innovative solutions to get their connected products and services to market faster.

For more information, visit www.sierrawireless.com.