



Sierra Wireless Antenna – 4-in-1 SharkFin

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 functions for 2G, 3G, and 4G LTE frequencies, an active antenna for GNSS with 26dB gain LNA and dual band Wi-Fi (2.4/5.0GHz) in a compact package.

PART NO.		Specification
		6001530
ELECTRICAL DATA		
Frequency Range	3G/4G Elements	698-960, 1710-2170, 2500-3800MHz
	Wi-Fi Element	2.4 / 4.9-6.0GHz
Peak gain: Isotropic	3G/4G Elements	2dBi (698-960MHz) 5dBi (1710-3800MHz)
	Wi-Fi Element	4dBi (2.4GHz), 6dBi (5.8GHz)
Isolation with 5m 16' CS29	Cellular	>12dB
	Wi-Fi	> 20dB
Typical Efficiency w/o Cable Loss	3G/4G Elements	> 50%
Correlation Co-efficient	3G/4G Elements	< 0.2
Polarisation		Vertical
Pattern		Omni-directional
Impedance		50Ω
Max Input Power		5W

		Specification
GPS/GNSS DATA		
Frequency Range		1562-1612MHz
VSWR		<2:1 ± 4MHz
Gain: LNA		26dB
Polarisation		Right Hand Circular
Operating Voltage		3-5V DC
Current		<20mA
MECHANICAL DATA		
Dimensions	Total Height	47mm (1.9")
	Length	172mm (6.8")
	Width	60mm (2.4")
Operating Temp		-40° / +80° C (-40° / 176° F)
Material		ASA, EPDM, Aluminium Alloy
Color		Black
Weight		923g
Ingress Protection		IP 66
MOUNTING INFO		
Mounting Type		Bolt Mount
Mounting Hole		19mm (3/4")
CABLE DATA		
Cell / LTE Cables	Type	CS29
	Length	4m (13ft)
	Termination	SMA(m)
GPS Cable	Type	CS29
	Length	4 (13ft)
	Termination	SMA(m)
Wi-Fi Cable	Type	CS32
	Length	4 (13ft)
	Termination	RP-SMA(m)

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