



Sierra Wireless Antenna – 3-in-1 SharkFin

The 3-in-1 SharkFin Wi-Fi antenna has a compact OEM style housing and offers dual-band 3x3 MiMo function for dual band Wi-Fi with 2 internal antennas and an external dual band whip.

		Specification
PART NO.		6001119
ELECTRICAL DATA		
Frequency Range (MHz)	3G/4G Elements	2300-2500 & 4900-6000
	Whip	2300-2500 & 4900-6000
Operational Bands	Elements 1 & 2	Wi-Fi 2.4/5.0GHz
	Whip	Wi-Fi 2.4/5.0GHz
Peak gain: Isotropic		4dBi (2.4GHz) 6dBi (5.8GHz)
Isolation with 4m/13' CS29	Wi-Fi (internal elements)	>19dB
Typical Efficiency w/o Cable Loss	Elements 1 & 2 & Whip	> 50%
Correlation Co-efficient	Elements 1 & 2 & Whip	< 0.2
Polarisation		Vertical
Pattern		Omni-directional
Impedance		50Ω
Max Input Power (W)		25
MECHANICAL DATA		
Dimensions (mm)	Total Height (excluding whip)	50 (2.2")
	Length	170 (6.77")
	Width	60 (2.4")
Operating Temp (°C)		-40° / +80°C (-40° / 176°F)
Material		ASA, EPDM, Aluminium Alloy
Color		Black
Weight (g)		913
Ingress Protection		IP 66

		Specification
MOUNTING DATA		
	Fixing	Bolt Mount
	Hole Size (mm)	19 (3/4")
CABLE DATA		
Cell / LTE Cables	Cable Type	CS29
	Length (m)	4 (13ft)
	Termination	SMA Plug
GPS Cable	Cable Type	CS74
	Length (m)	4 (13ft)
	Termination	SMA Plug
Wi-Fi Cables	Cable Type	CS32
	Length (m)	4 (13ft)
	Termination	SMA Plug Reverse Polarity

About Sierra Wireless

Sierra Wireless (NASDAQ: SWIR) (TSX: SW) is a world leading IoT solutions provider that combines devices, network services, and software to unlock value in the connected economy. Companies globally are adopting 4G, 5G, and LPWA solutions to improve operational efficiency, create better customer experiences, improve their business models, and create new revenue streams. Sierra Wireless works with its customers to develop the right industry-specific solution for their IoT deployments, whether this is an integrated solution to help connect edge devices to the cloud, a software/API service to manage processes with billions of connected assets, or a platform to extract real-time data to improve business decisions. With more than 25 years of cellular IoT experience, Sierra Wireless is the global partner customers trust to deliver them their next IoT solution.

For more information, visit www.sierrawireless.com.