



## Sierra Wireless Antenna – 3-in-1 Bat

Efficient element design assures high performance and robust communication links, this BAT antenna is purposely designed for high-speed Telematics applications and can be mounted on any non-conductive surface. The isolated dual 2G/3G/4G LTE antenna elements cover 698-6000MHz and GNSS. The antenna comes with a low loss flame retardant cable.

		Specification
PART NO.		6001200
ELECTRICAL DATA		
<b>Frequency Range</b>	3G/4G Elements	698-960/1710-3800MHz / 4900-6000MHz
	GNSS	1562-1612MHz
<b>Peak gain: Isotropic<sup>1</sup></b>	3G/4G Elements	2dBi (698-960MHz), 3dBi (1710-2170MHz), 5dBi (2500-3800MHz)
<b>VSWR<sup>2</sup></b>	3G/4G Elements	<2.5:1
<b>Isolation<sup>2</sup></b>		> 10dB
<b>Pattern</b>		Omni-directional
<b>Impedance</b>		50Ω
<b>Max Input Power</b>		25W
GPS/GNSS DATA		
<b>Frequency Range</b>		1562-1612MHz
<b>VSWR</b>		<2:1 ± 4MHz
<b>Gain: LNA</b>		26dB
<b>Polarisation</b>		Right Hand Circular
<b>Operating Voltage</b>		3-5V DC
<b>Current</b>		Typical <20mA
<b>Approvals</b>		E11

<sup>1</sup> Peak gain does not include cable attenuation

<sup>2</sup> VSWR & Isolation measured on 3mm thick ASA with 3m (10') of CS29 cable

MECHANICAL DATA		Specification
Dimensions	Height	16.5mm (0.65")
	Length	214mm (8.4")
	Width	77mm (3.0")
Operating Temp		-30° / +70°C (-30° / 158°F)
Material		ASA
Color		Black
Weight		350g
MOUNTING DATA		
Mounting Type		Adhesive
CABLE DATA		
Cell / LTE Cables	Cable	CS29
	Length	3m (10ft)
	Termination	SMA Plug
GPS Cable	Cable	RG174
	Length	3m (10ft)
	Termination	SMA Plug

### 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](http://www.sierrawireless.com).