



## Sierra Wireless AirLink® Antenna: 3-in-1 BAT

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Efficient element design that assure high performance and robust communication link, BAT antenna is purposely designed for high-speed Telematics applications that can be mounted on any non conductive surface. The isolated dual 2G/3G/4G LTE antenna elements cover 698-960/1710-3800MHz and GNSS, and is supplied with low loss flame retardant cable.

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

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

<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

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