



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

AirLink® Antenna: 3-in-1 Panel

The 3-In-1 Panel has been tested and certified to provide MiMo LTE antenna function for AirLink routers and gateways. The compact, robust low profile housing is ground plane independent, weatherproof and contains two antenna elements with effective isolation and correlation covering all current global cellular and LTE bands in freq. range 698-960/1710-3800MHz as well as an active GNSS antenna for applications which require position or timing function.

		Specification
PART NO.		6001125
ELECTRICAL DATA		
Frequency Range	Elements 1 & 2	698-960 / 1710-3800MHz
	Element 3	1562-1612MHz
Peak gain: Isotropic*	Cellular	698-960MHz 1.5dBi
		1710-2700MHz 4.5dBi
		2500-3800MHz 5dBi
Pattern		Omni-directional
Nominal Impedance		50Ω
Max Input Power		20W
GNSS DATA		
Frequency Range		1562-1612MHz
LNA Gain		26dB
Polarisation		Right Hand Circular
Operating Voltage		3-5VDC
Current		Typical <20mA
MECHANICAL DATA		
Dimensions	Height	49mm (1.92")
	Length	150mm (5.90")
	Width	45mm (1.77")
Operating Temp		-30° / +70°C (-22° / 158°F)
Material		ASA
Colour		Black
Weight		263g

*Peak gain simulated off a groundplane and does not include cable attenuation

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MOUNTING DATA		
Mounting Type		18mm (3/4") mounting bush and acrylic adhesive pad
CABLE DATA		
Cell / LTE Cable	Cable Type	RG174
	Length	3m (9.8')
	Termination	SMA Plug
GPS Cable	Cable Type	RG174
	Length	3m (9.8')
	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.

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