



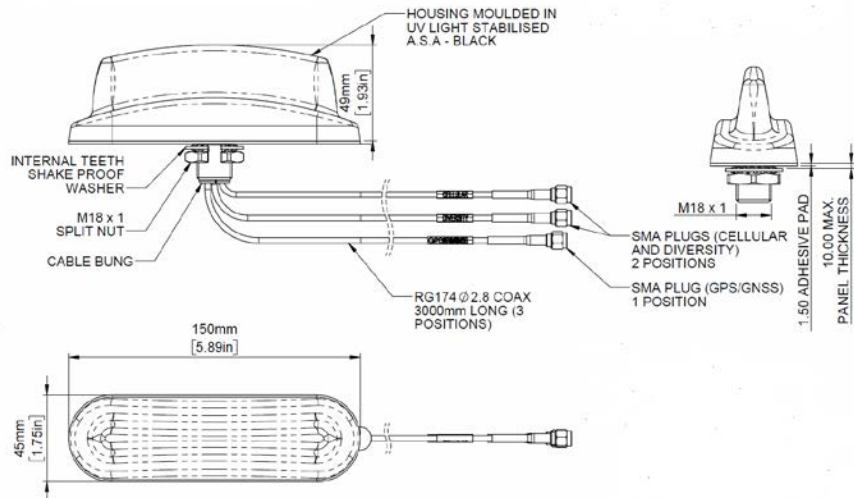
Sierra Wireless Antenna – 3-in-1 Panel

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 frequency ranges 698-960/1710-3800MHz as well as an active GNSS antenna for applications which require position or timing functionality.

		Specification	
PART NO.		6001125 (3m) / 6001211 (1m)	
ELECTRICAL DATA			
Frequency Range	3G/4G Elements	698-960 / 1710-3800MHz	
	GNSS	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	
Color		Black	
Weight		263g	

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

MOUNTING DATA		Specification
Mounting Type		18mm (3/4") mounting bush and acrylic adhesive pad
CABLE DATA		
Cell / LTE Cable	Cable Type	RG174
	Length	3m (9.8')/1m (3.28')
	Termination	SMA Plug
GPS Cable	Cable Type	RG174
	Length	3m (9.8')/1m (3.28')
	Termination	SMA Plug
TECHNICAL DRAWING		



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.