

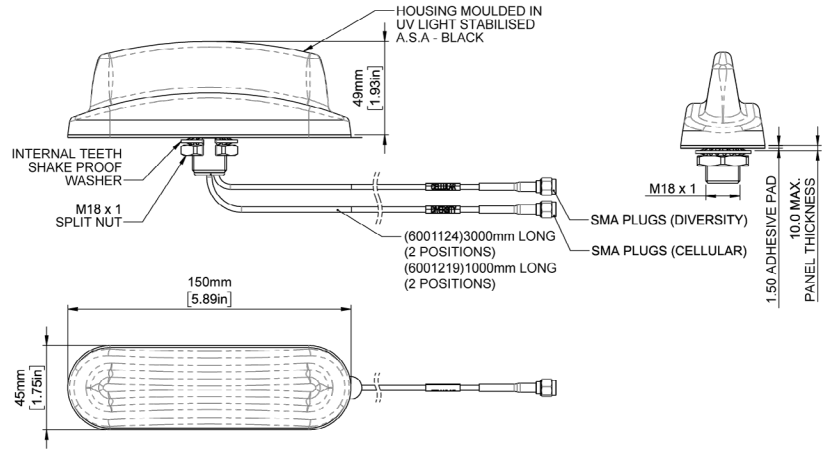


## Semtech Antenna – 2-in-1 Panel

The 2-in-1 Panel has been tested and certified to provide MiMo LTE antenna functionality for AirLink gateways and routers. 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 range 698-960/1710-3800MHz.

PART NO.		Specification
		6001124 (3m)/6001219 (1m)
ELECTRICAL DATA		
<b>Frequency Range (MHz)</b>	3G/4G Elements	698-960 / 1710-3800
		698-960MHz      1.5dBi
<b>Peak gain: Isotropic*</b>	3G/4G Elements	1710-2700MHz      4.5dBi
		2500-3800MHz      5dBi
<b>Pattern</b>		Omni-directional
<b>Nominal Impedance</b>		50Ω
<b>Max Input Power (W)</b>		20
MECHANICAL DATA		
<b>Dimensions (mm)</b>	Height	49 (1.92")
	Length	150 (5.90")
	Width	45 (1.77")
<b>Operating Temp (°C)</b>		-30° / +70°C (-22° / 158°F)
<b>Material</b>		ASA Plastic
<b>Color</b>		Black
<b>Weight (g)</b>		203
MOUNTING DATA		
<b>Mounting Type</b>		Bolt mount
<b>Mounting Hole</b>		18mm (3/4")
CABLE DATA		
	<b>Cable Type</b>	RG174
<b>Cell / LTE</b>	<b>Length (m)</b>	3 (9.8')/1 (3.2')
	<b>Termination</b>	SMA Plugs

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



**About Semtech**

Semtech Corporation (Nasdaq: SMTC) is a high-performance semiconductor, IoT systems and cloud connectivity service provider dedicated to delivering high-quality technology solutions that enable a smarter, more connected and sustainable planet. Our global teams are committed to empowering solution architects and application developers to develop breakthrough products for the infrastructure, industrial and consumer markets.

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