



Sierra Wireless AirLink® Antenna: 6-in-1 Dome

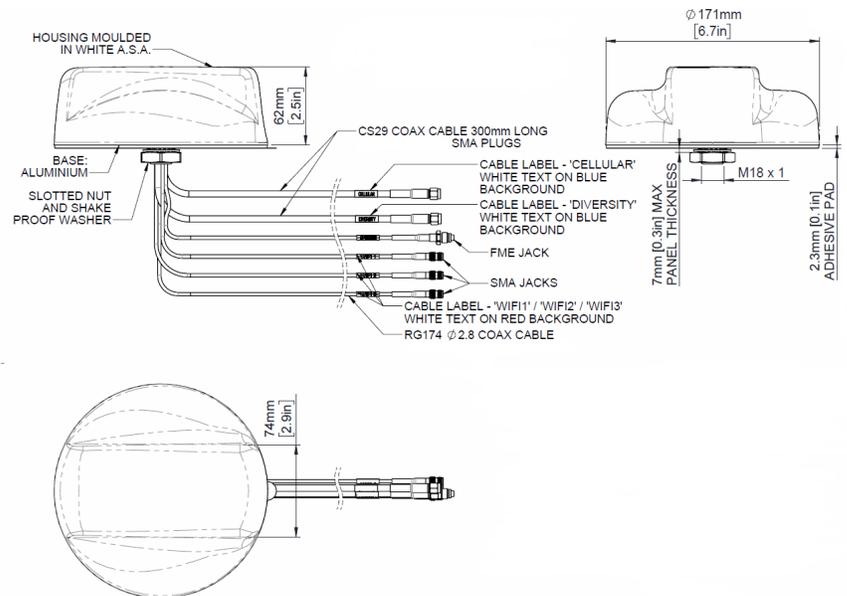
The 6-in-1 Dome has been tested and certified to operate with AirLink LTE routers and gateways.

It has a low profile design that contains six isolated high performance antenna elements in a single housing for optimal coverage; two ultra-wide-band elements spanning 698-6000MHz support MiMo/diversity at LTE frequencies; a high performance GNSS antenna with an integrated 26dB gain LNA, and three dual-band 2.4/5GHz Wi-Fi elements that provide 3x3 MiMo Wi-Fi.

The antenna is ground plane independent, and maintains a high level of performance even when mounted on a non-metallic surface.

		Specification	
PART NO.		6001129 (Black) / 6001121 (White)	
ELECTRICAL DATA			
Frequency Range	3G/4G Elements	698-960 / 1710-3800MHz/ /4900-6000 MHz	
	Wi-Fi Elements	2.4/4.9-6GHz	
Peak gain: Isotropic	3G/4G Elements	698-960MHz	2.3dBi
		1710-3800MHz	5dBi
	Wi-Fi Elements	4900-6000MHz	6dBi
		2.4/4.9-6.0GHz	2dBi
Isolation	Cellular	> 15dB	
Correlation Co-efficient		< 0.1	
Polarisation		Vertical	
Impedance		50Ω	
Max Input Power		25W	
		Specification	
GPS/GNSS DATA			
Frequency Range		1562-1612MHz	
VSWR		<2:1 ± 4MHz	
Gain: LNA		26dB	
Operating Voltage		3-5V DC	
Approval		E11	
Current		<20mA	

MECHANICAL DATA		
Dimensions	Height	62mm (2.4")
	Diameter	176mm (6.7")
Operating Temp		-30° / +80°C (-22° / 176°F)
Material		ASA & Diecast Aluminium
Color		Black/White
Ingress Protection		IP66
Weight		1282g
MOUNTING DATA		
Mounting Type		Bolt Mount
Mounting Hole		19mm (3/4")
CABLE DATA		
Cell / LTE Cables	Type	CS29
	Length	5m (16ft)
	Termination	SMA Plug
GPS Cable	Type	CS29
	Length	5m (16ft)
	Termination	SMA Plug
Wi-Fi Cables	Type	CS32
	Length	5m (16ft)
	Termination	RP-SMA Plug
TECHNICAL DRAWING		



About Sierra Wireless

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