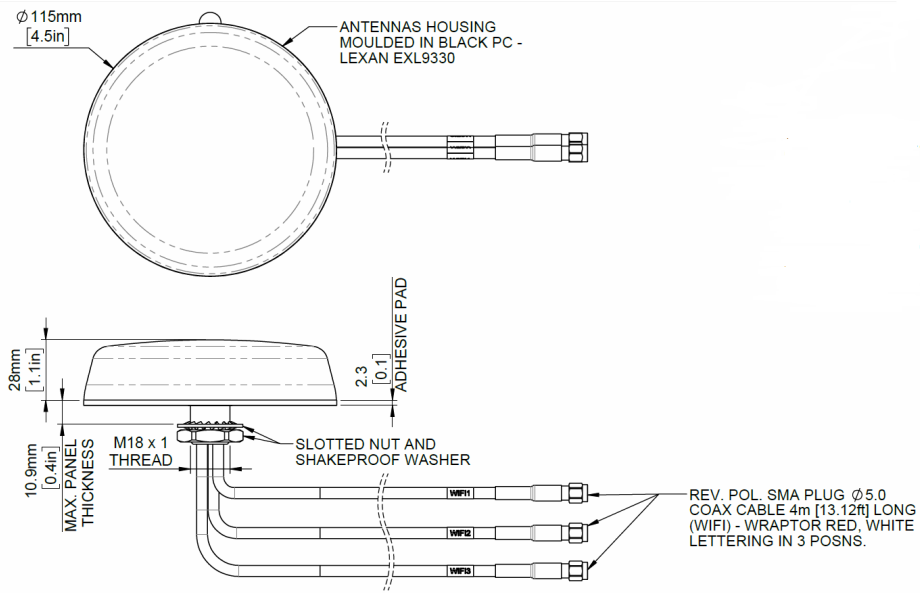## Semtech Antenna – 3-in-1 Wi-Fi

With three omni-directional dual band Wi-Fi elements in a single housing the 3-In-1 Wi-Fi is built for internal and external use, and is tested and certified to operate with AirLink routers and gateways with Wi-Fi capability, requiring 3x3 MiMo connectivity.

Each element is isolated from the others with a separate feed and covers both the 2.4GHz and 5.0GHz bands. The 3-In-1 Wi-Fi is easy to install and is supplied with 4m low loss cables.

		Specification
PART NO.		
		6001283 (Black) / 6001284 (White)
ELECTRICAL DATA		
Frequency Range		2.3-2.7 / 4.9-6GHz
Operational Bands		2.4/5.0GHz Wi-Fi
Peak gain: Isotropic		2dBi
Compared to ¼ wave		0dB
Isolation		>15dB (excluding cable loss)
Pattern		Omni-directional
Polarisation		Vertical
Impedance		50Ω
Max Input Power		25W
MECHANICAL DATA		
Dimensions	Height	50mm (1.97")
	Length	102mm (4")
Operating Temp		-30° / +70°C (-22° / +158°F)
Material		ASA Plastic
Ingress Protection		IP66
Weight		712g

MOUNTING DATA	
Mounting Type	Bolt Mount
Hole Size	19mm (3/4")
CABLE DATA	
Cable Type	CS32
Length	4m/13.1ft
Termination	Reverse Polarity SMA Plug

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