



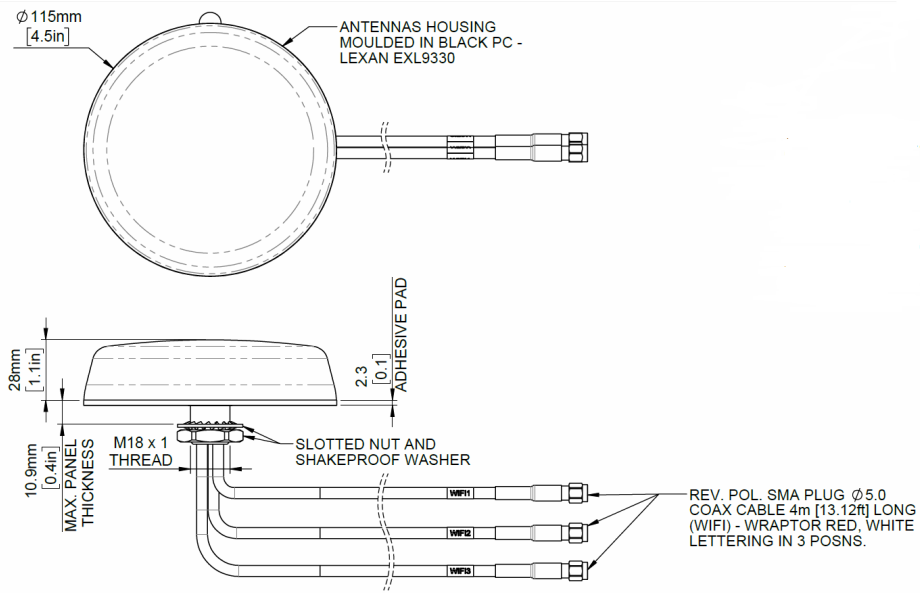
Semtech Antenna – 3-in-1 Wi-Fi

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



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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