



Semtech Antenna – 2-in-1 SharkFin

The 2-In-1 SharkFin has a compact OEM style housing that contains 2x2 MiMo antenna function for 2G, 3G and 4G LTE frequencies. The style design provides multiple antenna functions while remaining discreet and is suitable for public safety (overt/covert), industrial and transport applications where a cost effective, efficient and robust antenna is essential.

Specification	
PART NO.	6001120
ELECTRICAL DATA	
Frequency Range (MHz)	3G/4G Elements 698-960, 1710-2170, 2500-3800
Peak gain: Isotropic	3G/4G Elements 2dBi (698-960MHz) 5dBi (1710-3800MHz)
Isolation with 4m/13' CS29	Cellular >11dB
Typical Efficiency w/o Cable Loss	3G/4G Elements > 50%
Correlation Co-efficient	3G/4G Elements < 0.2
Polarisation	Vertical
Pattern	Omni-directional
Impedance	50Ω
Max Input Power (W)	25
MECHANICAL DATA	
Dimensions (mm)	Height 50 (2.2")
	Length 170 (6.77")
	Width 60 (2.4")
Operating Temp (°C)	-40° / +80°C (-40° / 176°F)
Material	ASA, EPDM, Aluminium Alloy
Colour	Black
Weight (g)	658
Ingress Protection	IP 66

MOUNTING DATA		
Mounting Type		Bolt Mount
Mounting Hole		19 (3/4")
CABLE DATA		
Cellular Cables	Cable	CS29
	Length	4 (13ft)
	Termination	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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