

M2M SN Next

5G Salt Shaker IP67 Antenna

M2M SN Next is a MIL-STD-810G qualified fully rugged outdoor antenna designed specifically for M2M applications. This antenna provides best in class performance, providing high gain cellular/5G antenna inside a single robust and compact housing.

- Wideband Cellular 5G (617 MHz-6 GHz) Element
- Ground plane independent
- Available in black or white

Descriptions/Applications

The M2M SN Next antenna builds on the best in class RF performance, leading design, features, and extended product life tradition of this highly successful product line. Ideal for charging stations, kiosks, digital signage, NEMA enclosures, wireless ATMs, vending machines, industrial metering and other wireless machine to machine applications. This antenna has been designed to mount externally to a M2M or IoT enabled asset, and requires no servicing throughout its life time.

Standard Configurations

AP-Next-M2M-SN-BL	Cell/5G, N bulkhead Connector, Black
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Also available in color white.



Compact and Robust
UV Resistant Housing



Full Outdoor
Installation Ready



Fast custom
turnaround time



Low loss cable
accessories

Electrical Data

Frequency Range	617-960/1427-1600/1700-2700/3300-4200/5150-5850 MHz	
Operational Bands	2G, 3G, 4G/LTE, 5G (Band 71, LTE, CBRS, LAA)	
Peak Gain: Isotropic	617-690 MHz	3.4 dBi
	700-960 MHz	4.0 dBi
	1427-1600 MHz	4.1 dBi
	1710-2700 MHz	6.0 dBi
	3300-4200 MHz	6.1 dBi
	5150-5850 MHz	7.0 dBi

Peak Gain performance is based on presence of 1ft radius ground plane. Electrical performance with no ground plane may vary.

Environmental Data

Hazardous Substances	RoHS Compliant
Temperature	-40°C to 65°C (-40°F to + 149°F) Operating and Storage conformance to IEC 60068
Humidity (Non-Condensing)	5% to 96% Operating and Storage conformance to IEC 60068
Water Ingress	IP67
Military Spec	MIL-STD 810G conformance to vibration

Mounting Data

Dimensions	Height	3.875" (98.5mm)
	Diameter	1.64" (42.5mm)
	Bolt Diameter	5/8-24UNEF-2A
	Bolt Length	20.5 mm
Color	Black (BL) or White (WH)	

Optional Mounting Accessory

SKU: AP-Bracket-SB

- Anodized Aluminum Platform

