

# M2M Wi-Fi Puck

## Dual band MIMO Wi-Fi Antenna

M2M Wi-Fi Puck is a fully rugged outdoor antenna designed specifically for M2M solutions or for providing Wi-Fi solutions inside or outside the vehicle. This antenna provides best in class performance and includes two high gain Wi-Fi antennas inside a single robust and compact housing.

- 2 x 2.4 & 4.9-6 GHz Wi-Fi Elements (MIMO)
- Lower profile and smaller footprint than competing solutions
- High gain provides bigger Wi-Fi footprint
- Available in black or white
- US Patent Pending

### Descriptions/Applications

The M2M Wi-Fi Puck antenna builds on the best in class Wi-Fi 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 an M2M or IoT enabled asset, and requires no servicing through its life time.



Optimal MIMO Performance for Wi-Fi



Compact and Robust UV Resistant Housing



Full Outdoor Installation Ready



Fast Custom Turnaround Time



Low loss cable accessories



Customizable Cables and Connectors to Connect to Any Modem



Magnetic Mount



Threaded Bolt Mount

### Standard Configurations

<b>AP-M2M4-WW-M-S22-RP-BL-6</b>	Wi-Fi x 2, Magnetic mount, RP-SMA x 2, Black, 6ft coax
<b>AP-M2M4-WW-Q-S22-RP-BL-6</b>	Wi-Fi x 2, Threaded Bolt mount, RP-SMA x 2, Black, 6ft coax
<b>AP-M2M4-WW-A-S22-RP-BL-6</b>	Wi-Fi x 2, Adhesive mount, RP-SMA x 2, Black, 6ft coax

*Also available in color white, customizable cable lengths up to 35 feet, and other connector variations.*

**Electrical Data**

Frequency Range	Elements 1 & 2		2.4/4.9-6.0 GHz
Operational Bands	Elements 1 & 2		Wi-Fi
Peak Gain	Elements 1 & 2	2.4 GHz, 5.5 GHz	5.0 dBi, 6.5 dBi
Isolation	Elements 1 & 2	2.4 GHz, 5.5 GHz	>15 dB, > 30 dB

**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		
Military Spec	MIL-STD 810 conformance to vibration		

**Mounting Data**

Dimensions	Height	1.44" (36.6mm)
	Diameter	2.49" (63.3mm)
Color	Black (BL) or White (WH)	

**Cable Data**

Wi-Fi	Type	CFD100 Low Loss
	Diameter	0.100" (2.54 mm)
	Length	1 feet (0.3 m)
	Termination	RP-SMA Male