

Antenna Systems & Supplies Company

931 Albion Avenue

Schaumburg, Illinois 60193

Phone: 847-584-1000 Fax: 847-584-9951

www.antennasystems.com

2.4 GHz ISM Mobile and WLAN Antenna Series

General Specifications

- Covers frequencies from 2.4 to 2.48 GHz
- Molded Polymer base
- Plated spring-loaded contact pin
- 0.100" diameter OD stainless steel whip
- 0.062" diameter OD stainless steel whip (MUF model)
- 5/16" - 24 thread rod ferrule
- Nominal Impedance of 50 Ohms
- 3/4" hole mount

Mounting Specifications

- include 17' of ML195 high efficiency, low loss cable (unless otherwise specified)
- SMML195 – 3/4" hole mount, 1-1/8" – 18 thread stainless steel mount
- BMML195 – 3/4" hole, 1-1/8" – 18 thread brass mount
- MAML195 – 3/8" or 3/4" hole, 1-1/8" – 18 thread mount for 1/8" thick plates
- BMATM338 – 3/8" hole, 1-1/8" – 18 thread adjustable brass mount for metal surfaces of 1/32" – 1/2" thickness (No cable or connector)
- MTPM800 – 5/8" hole, 1-1/8" - 18 thread thick plate mount. Terminates in a N female connector. No cable. Cable assembly ordered separately
- MVP – 5/8" hole, vandal proof mount. No cable or connector MPM26-NC - 3/4" hole, 1-1/8 – 18 thread, 26° pivot mount. Comes with 17' RG58A/U cable, no connector
- MPM26DSCP – 3/4" hole, 1-1/8 – 18 thread, 26° pivot mount. Comes with 17' double shielded cable with PL-259 connector
- MMF – 3/4" hole, 1-1/8" – 18 mount for frequencies exceeding 1 GHz. Terminates in a SMA, male connector. No cable. SMA, female ending cable assembly ordered separately

Electrical Specifications

Model #	Frequency Range (GHz)	Factory Tuned Frequency (GHz)	Coil Type	VSWR	Maximum Power (Watts)	Gain (dBi)
MAXC2450 3 (Black)	2.400 – 2.4835	2.45	Closed	< 1.5:1	100	3
MAXC2450 5 (Black)	2.400 – 2.4835	2.45	Closed	<1.5:1	100	5
MUF24005	2.400 – 2.4835	2.45	Open	<1.5:1	100	5

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Mechanical Specifications

Model #	Antenna Height	Weight
MAXC24503 (Black)	5.25" (133.35 mm)	0.12 lbs (0.054 kg)
MAXC24505 (Black)	7.50" (190.50 mm)	0.16 lbs (0.073 kg)
MUF24005	8.75" (222.25 mm)	0.10 lbs (0.045 kg)