

VHF

EMFLX-M10004
132-174 MHz
3 dBi Gain
e/m-Flex™

EM-M10004-GPI
132-174 MHz
2 dBi Gain

EM-M10014
144-174 MHz
3 dB Gain

EMFLX-M10014
144-174 MHz
3 dB Gain
e/m-Flex™

EM-M10014-GPI
144-174 MHz
2 dBi Gain

EMFLX-M10014-GPI
144-174 MHz
2 dBi Gain
e/m-Flex™

NEW

No Tuning Required

EMFLX-M10008-WB
144-174 MHz
2 dBi Gain
e/m-Flex™

EM-MX0152
152-162 MHz
0 dBd (2 dBi)
"X"-NUT

VHF/UHF

EM-M10001
108-520 MHz
2 dBi Gain

EMFLX-M10001
108-520 MHz
2 dBi Gain
e/m-Flex™

EM-MX0108-FT
108-960 MHz
0 dBd (2 dBi)
"X"-NUT

UHF

EM-M10003
420-470 MHz
3 dBi Gain

EMFLX-M10003
420-470 MHz
3 dBi Gain
e/m-Flex™

EMFLX-M10007
420-470 MHz
5 dBi Gain
e/m-Flex™

EM-M10003-GPI
380-520 MHz
2 dBi Gain

EMFLX-M10003-GPI
380-520 MHz
2 dBi Gain
e/m-Flex™

EMFLX-M10007-GPI
440-480 MHz
3 dBd Gain
e/m-Flex™

EM-MX0450
450-520 MHz
0 dBd (2 dBi)
"X"-NUT

EM-M22001
450-520 MHz
746-870 MHz
2 dBi Gain
Patent Pending

Cellular / LMR 698-960 MHz

EM-MX0746
746-894 MHz
0 dBd (2 dBi)
"X"-NUT

EM-MX0890
890-960 MHz
0 dBd (2 dBi)
"X"-NUT

EM-M11003
763-869 MHz
3 dBd (5 dBi)

EM-M11008
806-894 MHz
3 dBd (5 dBi)

EM-M11004
890-960 MHz
3 dBd (5 dBi)

EM-M11005
746-960 MHz
0 dBd (2 dBi)

EM-M20007
698-960 MHz
2 dBi
Patent Pending

Multi-Band GPS/GLNSS

Magnet Mount



EM-MG13004-SP
Magnet Mount
GPS/GLNSS
27 dB (minimum)
30 dB Typical

Multi-Band Duplexer



EM-MBD41000-NJ
Multi-Band Duplexer
100-180 MHz/380-870 MHz

Dual Purpose - NMO/GPS Combination 3/4" Hole Mount Assembly



EM-MG11006-SP
30-1000 MHz / GPS
RG-58/U Cable

EM-MG11006-SP-195
30-1000 MHz / GPS
195 Type Low Loss Cable

EM-MG11022-SP
30-1000 MHz / GPS/GLNSS
195 Type Low Loss Cable

4G/LTE Multi-Band

Mobile/Fixed Station



EM-M20007
698-960 MHz /
1710-2500 MHz
2 / 3 / 5 dBi
Patent Pending



EM-A20003-SP
(Black)
746-960 MHz /
1710-2700 MHz
0 dBd (2 dBi)



EM-A40001
(Black)
746-960 MHz /
1710-2700 MHz
0 dBd (2 dBi)



EM-A20004-SP
(White)
746-960 MHz /
1710-2700 MHz
0 dBd (2 dBi)

EM-A40002
(White)
746-960 MHz /
1710-2700 MHz
0 dBd (2 dBi)

Replacement Parts

NMO 3/4" Mounts & Cable Assemblies

EM-M11001
NMO 3/4" Hole Mount



EM-M11001-058
w/RG-58/U Cable
Assembly



EM-M11001-195
w/195 Type Premium
Low Loss Cable



EM-MTR11001
Thick Panel Mount



EM-MTR11001-058
w/RG-58/U Cable
Assembly



EM-MTR11001-195
w/195 Type Premium
Low Loss Cable Assembly

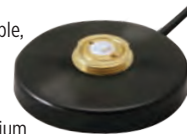


EM-BSA001
Antenna Adapter
NMO to N Type Jack

EMBKT-016SS
Stainless Steel
Mounting
Bracket

EM-MAG-058
w/RG-58/U Cable,
No Connector

EM-MAG-195
w/195 Type
Low Loss Premium
Cable, No Connector



Connectors

EMPL259-CRIMP
PL-259 Male



EMMP-058
Mini-UHF Plug
Male



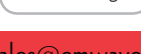
EMTP-058
TNC Plug Male



EMBP-058
BNC Plug Male



EMNP-058
N Male Plug

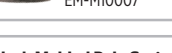


Replacement Springs

Black Chrome SS

EM3A-01RP
replacement for
EM-M10001
EM-M10003
EM-M10004
EM-M10014

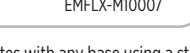
EM3A-02RP
replacement for
EM-M10007



Black Molded Poly Springs

EMFLX3A-01RP
replacement for
EMFLX-M10001
EMFLX-M10003
EMFLX-M10004
EMFLX-M10014

EMFLX3A-02RP
replacement for
EMFLX-M10007



Mates with any base using a standard 1/4" - 20 thread
Whip Diameters: -01RP = 2.5 mm -02RP = 3.0 mm

Xenon™ Replacement Bases



EM6A-01RP
replacement for
EM-M10001
EMFLX-M10001
EM-MX0162
EM-M11003
EM-MX0406
EM-M11004
EM-MX0450
EM-M11005
EM-MX0746
EM-M11008
EM-MX0890
EM-MX0152
EM-MX0108-FT
EM-M20007
EM-M22001



EM6A-04RP
replacement for
EM-M10004
EMFLX-M10004
EM-M10014
EMFLX-M10014

EM6A-05RP
replacement for
EM-M10003
EMFLX-M10003
EM-M10007
EMFLX-M10007

EM6A-06RP
replacement for
EM-M10003-GPI
EMFLX-M10003-GPI
EM-M10007-GPI
EMFLX-M10007-GPI



EM6A-07RP
replacement for
EM-M10004-GPI
EMFLX-M10004-GPI
EM-M10014-GPI
EMFLX-M10014-GPI

E/M Wave
Portable Antennas
brochure available
Spring 2017





E/M Wave, Inc. engineers and markets a growing line of unique mobile and fixed station communications antenna products. Our primary focus is to maximize the **Antenna Value** in every product to meet or exceed customer expectations!

We incorporate unique quality features that deliver more **Value** that our customers can understand, experience, and appreciate. These are the attributes that set us apart from the competition. It's a **Quality** effort, and it's the right thing to do!



NEW

Multi-Band iDAS Indoor Ceiling Mount Antenna

EM-B40004-NJ
698-960/1710-2700 MHz
2dBi/3dBi/5dBi Gain

EM-B40005-NJ
698-960/1710-2700 MHz
PIM Rated <-150 dBc

- Plenum rated construction
- Mounts through any ceiling panel, conductive or non-conductive, up to 1 1/8 in. (35mm) thick
- Vertically polarized
- Mounting hardware included

NEW

GPS/GLNASS (L1) Timing Antenna

GRAY

WHITE*

EM-BGT13005
1575.42-1615 MHz
GPS/GLONASS (L1)
30 dB Gain, Typical

- High selectivity dual filter RF architecture –Eliminates high level RFI operating within multi-located basestation environment
- Impact resistant ASA radome
- Rugged die-cast aluminum base mount
- Integrated bulkhead, TNC jack
- IP66 rated
- 3/4 in. NPT direct mount

*White radome availability per special order

NEW

9.5 dBi Yagi Antenna

EM-B11809
760-870 MHz
9.5 dBi / 7.4 dBd

EM-B11909
890-960 MHz
9.5 dBi / 7.4 dBd

- Rugged aluminum construction
- Black powder coat finish
- Boom: 3/4 in. 6063 aluminum channel
- Radiators: 3/8 in. 6061 aluminum, solid rod
- V or H polarization mountable
- Mounting hardware included
- Integrated feed cable, 18 in., plenum grade type

NEW

Base Station Omni Directional Antenna

EM-B11905
902-928 MHz
5 dBi / 3 dBd Gain

- Fiberglass radome, white
- 100W power handling
- N jack connector
- Mounting hardware included

NEW

Stainless Steel Mounting Bracket

EMBKT-016SS
for Mobile and Light Base Station Antenna Installations

- Accommodates 5/8 in. thru hole mounting for Bulkhead N Type, fixed station antennas
- Mate with EM-BSA001 to convert mobile ground plane independent antennas for base station, fixed point applications

NEW

Base Station Conversion Adapter for GPI Antennas

- Frequency independent operation for all NMO type antennas
- Rugged all brass construction with bright nickel plating
- Integrated NMO sealing surface eliminates ingress potential between antenna and mounting surface or bulkhead
- Integrated bulkhead O-ring seal to protect electrical enclosures
- Mounts up to 11/32 in. surface thickness
- High power handling
- Mate with EMBKT-016SS to convert mobile ground plane independent antennas for base station, fixed point applications

EM-BSA001
NMO to N Type Jack



LMR
Public Safety
Homeland Security
4G/LTE
GPS Telematics
Telemetry
In-Building