



*Small and Large Enclosure
for Antennas
Products Catalogue*

A photograph of the Earth's horizon from space, with a bright sun rising or setting behind it, creating a lens flare effect. The Earth's surface is visible in shades of blue and green, with a thin white atmosphere layer.

*New antennas era
from MARS down to earth*



Mars Antennas offers now a wide array of CPE and sector antennas equipped with compatible metallic enclosure (small and large) for router boards.

About MARS Enclosure

Mars enclosure kit is designed for integration of different manufactures RF PCB with Mars antennas.

Enclosure kit includes:

- Die Cast Aluminum enclosure.
- Mount MNT-22 (*).

Enclosure Kit characteristics:

- Suitable for integration with 200x200, 305x305, 370x370, 600x600 mm Mars antennas.
- Suitable for pole or wall azimuth and elevation adjustable mounting.
- Heavy duty.

(*) Antennas 600x600 mm are equipped with mount MNT-60a instead of MNT-22.

About MARS

General

MARS Antennas & RF Systems is a world class leading antennas design and manufacturer, RF solutions provider and R&D Company based in Israel, with a proved capacity to design and provide cost effective products with exceptional performance characteristics.

History

MARS Antennas was established in 1994 and located in its owned facility in Tel-Aviv area.

Capacity

MARS offers a wide range of Broadband Wireless Panel Antennas market in which our both single and dual polarized subscriber and sector antennas cover frequency ranges of 700MHz, 915MHz, 2.4GHz, 3.5GHz, 4.9GHz and 5.8-6.1GHz.

Mars offers a wide range of antennas for the rapidly growing LTE and WiMax fixed and mobile applications markets.

MARS also has a strong line of In-Building antennas that allows cost effective solution for Cellular and Wi-Fi applications. In addition MARS offers a wide range of antennas for ISM & Special Applications, Embedded Antennas, Wi-Fi Repeaters, In-Building Cellular Repeaters – High Selective and FCC approved.

MARS's main expertise is in developing and manufacturing of printed circuit boards antennas, called flat or Flat Panel Arrays.

MARS is ISO 9001, ISO 14001 and RoHS certified R&D and manufacturing company.

MARS has in-house internal anechoic chamber allowing for assurance of the highest level of developed products and assuring the highest level of quality control.

Assemble your Desire

No.	Part Number	Frequency	Enclosure Size (*)	Part Description
Enclosures				
1	MK-ES20 & MK-ES21		180 x 167 (242 with RJ45) x 68 mm	Small (20x20 / 30x30 / 37x37 cm antennas)
2	MK-EL30 & MK-EL31		287 x 287 (347 with RJ45) x 68 mm	Large (30x30 / 37x37 / 60x60 cm antennas)

MK-ES20 & MK-ES21



MK-EL30 & MK-EL31



2.5 GHz & 3.4 GHz Antennas

CPE – QUAD Polarization Antenna				
3	<u>MA-WA2455-QPMIMO</u>	5.15 - 5.875 GHz & 2.3 - 2.7 GHz	Large	16dBi @ 5.15 - 5.875 GHz 12dBi @ 2.3 - 2.7 GHz QUAD Polarization MIMO
CPE – TRIPLE Polarization Antenna				
4	<u>MA-WA24-TPMIMO</u>	2.3-2.7 GHz	Large	15±1 dBi (Ver. Pol.) 12±1 dBi (Dual Slant)
CPE – DUAL Polarization Antennas				
5	<u>MA-WA25-DP14</u>	2.3-2.7 GHz	Small	14dBi
6	<u>MA-WA25-DP17</u>	2.3-2.7 GHz	Small / Large	17.5dBi
7	<u>MA-WA25-DP19</u>	2.3-2.7 GHz	Small / Large	19dBi
8	<u>MA-WA36-DP14</u>	3.3-4.01 GHz	Small	14dBi
9	<u>MA-WA36-DP19</u>	3.3-4.01 GHz	Small / Large	19dBi
10	<u>MA-WA36-DP21</u>	3.3-3.8 GHz	Small / Large	22dBi
11	<u>MA-WA36-DP25</u>	3.3-3.8 GHz	Large	25dBi
Base Station Antennas - DUAL Polarization Antennas				
12	<u>MA-WC25-DP14</u>	2.3-2.7 GHz	Small / Large	14dBi , 60°
13	<u>MA-WD25-DP13</u>	2.3-2.7 GHz	Small / Large	12.5dBi , 90°
14	<u>MA-WD36-DP14</u>	3.3-4.01 GHz	Small / Large	7.5dBi , 90°
CPE – Single Polarization Antennas				
15	<u>MA-WA24-2X</u>	2.3-2.7 GHz	Small/ Large	18dBi
16	<u>MA-WA25-20</u>	2.3-2.7 GHz	Small/ Large	19-20dBi
17	<u>MA-WA35-2X</u>	3.4-3.7 GHz	Small/ Large	18dBi
18	<u>MA-WA35-2X-D</u>	3.3-3.8 GHz	Small/ Large	18dBi
19	<u>MA-WA36-19</u>	3.3-3.8 GHz	Small/ Large	18-19dBi
20	<u>MA-WA36-22</u>	3.3-3.8 GHz	Small/ Large	22dBi
21	<u>MA-WA36-26</u>	3.3-3.8 GHz	Small/ Large	26dBi

5 GHz & 6 GHz Antennas				
CPE – QUAD Polarization Antenna				
22	MA-WA2455-QPMIMO	5.15 - 5.875 GHz & 2.3 - 2.7 GHz	Large	16dBi @ 5.15 - 5.875 GHz 12dBi @ 2.3 - 2.7 GHz QUAD Polarization MIMO
CPE – TRIPLE Polarization Antenna				
23	MA-WA55-TPMIMO	5.125-6.1 GHz	Large	19dBi (Ver. Pol.) 17.5dBi (Dual Slant)
CPE – DUAL Polarization Antennas				
24	MA-WA56-DP19	4.9-6.1 GHz	Small	19dBi
25	MA-WA56-DP20	4.9-5.875 GHz	Small / Large	21dBi
26	MA-WA56-DP25N	4.9-5.875GHz	Small / Large	25dBi
27	MA-WA56-DP28N	4.7-6.425 GHz	Large	29dBi Wideband, Dual Band, Dual Slant
28	MA-WA62-DP19	5.7-6.425 GHz	Small	19dBi
29	MA-WA62-DP24	5.7-6.425 GHz	Small / Large	24dBi
CPE – Single Polarization Antennas				
30	MA-WA58-1X	4.9-5.875 GHz	Small / Large	23dBi
31	MA-WA55-27	4.9-6.1GHz	Small / Large	26dBi
32	MA-WA55-30	4.9-6.1 GHz	Large	29-30dBi
33	MA-WA62-22	5.7-6.425 GHz	Small / Large	20-22dBi
34	MA-WA61-25	5.4-6.5 GHz	Small / Large	25dBi