MA-WOLTE-3X

698 MHz-6.5 GHz Multi Band Omni Antenna

MARS Multi Band Omni Antenna covers all the bands for 2G, 2.5G and 3G cellular, as well as UHF (760-960 MHz), LTE (698-806 MHz), ISM, WLAN, UNII, Bluetooth and Wi-Fi bands.

The antenna is aesthetic, small and has unobtrusive profile that blends easily with any environment.

The antenna is easy-installed and is highly recommended as an outstanding logistic solution for In-Building Installations.

The antenna is PIM certified, thus making it suitable for all multi-carrier systems.

Available in iBwave database

Specifications

<table>
<thead>
<tr>
<th>Standard</th>
<th>LTE</th>
<th>SMR, AMPS, CDMA, TDMA, GSM 900</th>
<th>PCS, DECT, GSM 1900, UMTS</th>
<th>Bluetooth, ISM, WLAN</th>
<th>WLL</th>
<th>UNII, WLL, H-LAN, Wi-Fi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency range</td>
<td>698-806 MHz</td>
<td>806-960 MHz</td>
<td>1.71-2.17 GHz</td>
<td>2.3-2.7 GHz</td>
<td>3.3-3.8 GHz</td>
<td>4.9-6.5 GHz</td>
</tr>
<tr>
<td>GAIN, typ.</td>
<td>2</td>
<td>2</td>
<td>3-4</td>
<td>5</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>VSWR, max.</td>
<td>2:1</td>
<td>2.2 : 1</td>
<td>1.9 : 1</td>
<td>2.1 : 1</td>
<td>2 : 1</td>
<td>2: 1</td>
</tr>
<tr>
<td>Polarization</td>
<td>Linear, Vertical</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Input power, max.</td>
<td>50 Watt</td>
<td></td>
<td></td>
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<tr>
<td>Input Impedance</td>
<td>50 Ohm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>PIM, 3rd order, 2X20W (option)</td>
<td>-150 dBc</td>
<td></td>
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</tbody>
</table>

Dimensions (HxWxD) Base Diameter - 205 mm (8.07"), Height - 89 mm (3.5")

Weight 220 gr.

Connector N-Type, Female (See Ordering Options)

Back Plane Glass epoxy

Radome UV Protected Polycarbonate

Mount See Ordering Options

Operating Temperature Range -40°C to +65°C

Vibration According to IEC 60721-3-4

Flammability UL94

Humidity ETS 300 019-1-4, EN 302 085 (annex A.1.1)

Ordering Options

MA-WOLTE-3X Ceiling Mountable

MA-WOLTE-3X1 Ceiling option with central connector mounting (Long N-type 45 mm)

MA-WOLTE-3XA Ceiling Mountable with 38 cm pigtail

MA-WOLTE-3XB Ceiling/Wall Adjustable with MNT-22 mount

MA-WOLTE-3XT Ceiling/Wall Provision for Adjustable with MNT-22 mount with DC Return

MA-WOLTE-3XP Ceiling Mountable PIM certified

MA-WOLTE-3X1P Ceiling option with central connector mounting (Long N-type 45 mm) PIM certified

MA-WOLTE-3XAP Ceiling Mountable with 38 cm pigtail PIM certified

MA-WOLTE-3XBP Ceiling/Wall Adjustable with MNT-22 mount PIM certified

MA-WOLTE-3XTP Ceiling/Wall Provision for Adjustable with MNT-22 mount with DC Return PIM certified

Patterns are available on our website

Patent Pending