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VMx24493RSM-xxx Vehicular MIMO Antenna



2.4-2.5 and 4.9-5.85 GHz VEHICULAR MIMO ANTENNA

The Laird Technologies vehicular MIMO antenna covers the 2.4 to 2.5 GHz and 4.9 to 5.85 GHz frequency ranges, as well as GPS (1575 MHz). Multiple configurations are available from three-port, dual-band elements to one-port, single-band at 4.9 GHz with integrated GPS. Cable options include low-loss cables (LMR195 and LMR240) or RG58 cables. The housing incorporates a low-profile, rugged design that conforms to IP67 standards. The antenna also features high impact, UV-resistant polycarbonate plastic available in black or white..

| SPECIFICATIONS | |
|------------------------------|---|
| Frequency | 2.4 to 2.5 GHz and 4.9 to 5.9 GHz |
| Gain | 4 dBi peak |
| VSWR | <2.0:1 |
| Nominal Impedance | 50 Ω |
| Polarization | Vertical |
| Pattern | Omnidirectional |
| Max Power | 25 Watts |
| Size | 127 mm (5 inches) OD x 31.75 mm (1.25 inches) |
| Radom Material | High impact PC UV stabilized |
| Color | Black or white |
| Termination | LMR195, LMR240, LMR100 or RG58 Cables 1 – 20 ft with Optional Connectors (subject to configuration & performance requirement limitations) |
| Mounting Requirements | 5/8" and 3/4" prep holes (dependent on chosen configuration) |

| PART NUMBERS | |
|-----------------|--|
| VMD24493RSM-366 | MIMO,2-Port,802.11N,3dBi,12ft,RP-SMA |
| VMD24493RSM-518 | MIMO,2-Port,802.11N,3dBi,17ft,RP-SMA |
| VMD24493RSM-610 | MIMO,2-Port,802.11N,3dBi,20ft,RP-SMA |
| VMT24493RSM-366 | MIMO,3-Port,802.11N,3dBi,12ft,RP-SMA |
| VMT24493RSM-518 | MIMO,3-Port,802.11N,3dBi,17ft,RP-SMA |
| VMT24493RSM-610 | MIMO,3-Port,802.11N,3dBi,20ft,RP-SMA |
| VMG24493RSM-366 | MIMO,2-Port w/GPS,802.11N,3dBi,12ft,RP-SMA |
| VMG24493RSM-518 | MIMO,2-Port w/GPS,802.11N,3dBi,17ft,RP-SMA |
| VMG24493RSM-610 | MIMO,2-Port w/GPS,802.11N,3dBi,20ft,RP-SMA |

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ANT-DS-00600-00040_S181 0917

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