



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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2.4-2.5 & 4.9-5.85 GHz VEHICULAR MIMO ANTENNA

The Laird 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 3-port, dual-band elements to 1-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.

ELECTRICAL SPECIFICATIONS

PARAMETER	
Frequency	2.4 to 2.5 GHz & 4.9 to 5.9 GHz
Gain	4 dBi Peak
VSWR	<2:1
Nominal Impedence	50 Ohm
Polarization	Vertical
Pattern	Omnidirectional
Max Power	25 Watts
GPS Center Frequency	1575.52 MHz
GPS Polarization	RHCP
GPS Absolute Gain	26 dBi (max)
GPS Supply Voltage	5.5 VDC ± 0.2 V

PHYSICAL SPECIFICATIONS

PARAMETER	
Size	5 in OD x 1.25 in height
Radome Material	High Impact PC UV Stabilized
Color	Available in 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" & 3/4" Prep Holes (dependent on configuration chosen)

PART NUMBERS

PART NUMBER	
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-VEHICULAR-MIMO 1115

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