



VMx24493RSM-xxx

Vehicular MIMO Antenna

2.4-2.5 AND 4.9-5.85 GHZ VEHICULAR MIMO ANTENNA

The TE Connectivity 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)

SPECIFICATIONS

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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