

# RV-SC-MIMO-GPS

NSN: N/A

<b>Part Number</b>	RV-SC-MIMO-GPS
<b>NSN</b>	N/A
<b>Market</b>	Vehicular Antenna

The RAMI RV-SC-MIMO-GPS is a MIMO 4G LTE and 5G vehicular antenna with GPS. The low profile antenna is meant to be mounted on the roof of a vehicle and an integrated gasket provides protection from water ingress around the antenna. The cables exit the antenna through a single threaded opening with a slotted nut. Four, 1-inch mounting studs are used to hold the antenna securely to the vehicle.

## Product Specifications

<b>Application</b>	4G LTE & 5G MIMO and GPS Navigation	
<b>Frequency</b>	698 - 3800 MHz L1: 1575.42 +/- 2 MHz L2: 1227.6 +/- 2 MHz L3: 1176.45 +/- 2 MHz	
<b>Impedance</b>	50 Ohms Nominal	
<b>VSWR</b>	698-960 MHz: <3.0:1 1710-2700 MHz: <2.5:1 3300-6000 MHz: <2.5:1 GPS: 1.5:1 Max	
<b>Polarization</b>	Vertical: 698-3800 MHz Right Hand Circular: L1, L2, & L3	
<b>RF Power Handling</b>	TBD	
<b>Connectors</b>	Ant 1: BNC Female Ant 2: BNC Female Ant 3: BNC Female Ant 4: BNC Female GPS: SMA Male	
<b>Gain Coverage at Horizon</b>	698-1000 MHz: -1 to +1 dBi 1710-2900 MHz: -2 to +2 dBi on 4-foot diameter ground plane 3300-3800 MHz: -3 to +3 dBi	
<b>GPS Gain</b>	L1, L2, L5 GPS: 28 dB at 3 VDC	

## Mechanical Specifications

<b>Max. Height</b>	3.22"	81.67 mm
<b>Max. Weight</b>	TBD	TBD
<b>Available Colors</b>		

