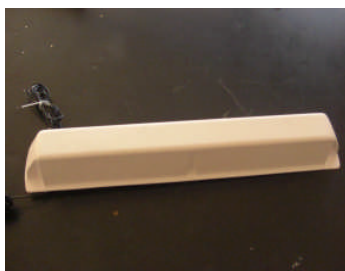


# INEVITABLE TECHNOLOGIES INC.

## Product: MPR-3 (Ruggedized Antenna)



<b>Orbcomm</b>	
<b>Frequency Range</b>	Rx 137-138 MHz Tx 148-150.05 MHz
<b>Performance relative to Half Wave Whip</b>	Vertically Mounted: ~87% Horizontally Mounted: ~83%
<b>VSWR</b>	$\leq 2:1$
<b>Polarization</b>	Vertical
<b>Impedance</b>	50 Ohms
<b>Mounting Surface</b>	<b>Ground Plane Independent!</b> <i>(works on or off metal surface)</i>
<b>GPS</b>	
<b>Operating Voltage</b>	3 V – 5 V
<b>Gain (LNA)</b>	32 dBi
<b>GSM</b>	800/900 MHz + 1800/1900 MHz + 2.1 GHZ (3G)
<b>Also available with:</b>	WiLAN

### Physical Data:

<b>Material</b>	ABS Radome
<b>Operating Temperature</b>	-40°C to +80°C
<b>Mounting</b>	Screw through Flange
<b>Color</b>	White or Black
<b>Antenna Dimensions</b>	21.5" (L) X 2.63" (H) X 3.5"(W)
<b>Cable Feed:</b>	Base or end feed
<b>Cables and Connectors</b>	Customer specified