

**INEVITABLE TECHNOLOGIES INC.**  
**Product: FPA-2 (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: ~71% Horizontally Mounted: ~71%
<b>VSWR (across target freq.)</b>	≤ 2:1
<b>Polarization</b>	Vertical
<b>Impedance</b>	50 Ohms
<b>Mounting Surface</b>	<b>Ground Plane Independent!</b> (works on or off metal surface)
<b>GPS</b>	
<b>Operating Voltage</b>	3 V – 5 V
<b>Gain (LNA)</b>	32 dBi
<b>Also available with:</b>	PentaBand GSM and/or 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>	8" (L) X 10" (W) X 2.37" (H)
<b>Cable Feed:</b>	Base feed
<b>Cables and Connectors</b>	Customer specified