

INEVITABLE TECHNOLOGIES INC.
Product: FPA-4 (Ruggedized Antenna)



Orbcomm	
Frequency Range	Rx 137-138 MHz Tx 148-150.05 MHz
Performance relative to Half Wave Whip	Vertically Mounted: ~71% Horizontally Mounted: ~71%
VSWR	≤ 2:1
Polarization	Vertical
Impedance	50 Ohms
Mounting Surface	Ground Plane Independent! <i>(works on or off metal surface)</i>
GPS	
Operating Voltage	3 V – 5 V
Gain (LNA)	32 dBi
GSM	800/900 MHz + 1800/1900 MHz + 2.1 GHz (3G)
WiLAN:	Freq: 2.4 - 2.5GHz + 4.9 - 6.0GHz (+4dBi Gain)

Physical Data:

Material	ABS Radome
Operating Temperature	-40°C to +80°C
Mounting	Screw through Flange
Color	White or Black
Antenna Dimensions	8" (L) X 10" (W) X 2.37"(H)
Cable Feed:	Base feed
Cables and Connectors	Customer specified