

Blackhawk M2M Jellyfish Antenna

MIMO LTE / MIMO WiFi / GPS (3m cables)

The Blackhawk M2M Jellyfish antenna can be mounted on the roof of a vehicle or a fixed structure.

- Omni-directional heavy-duty, IP67 waterproof external M2M antenna
- For use in telematics, transportation and remote monitoring applications
- Two elements designed to cover the 698-960 & 1710-2700MHz cellular bands (2 x SMA male)
- Two elements designed to cover the 2.4-2.5 and 4.9-5.85 GHz WLAN bands (2 x RP-SMA male)
- One GPS(GLONASS) element (SMA male)
- Has its own grounding plane and can radiate on any mounting environment without affecting performance
- 5-port antenna with 3-metre low-loss cable

ELECTRICAL SPECIFICATIONS	
GPS(GLONASS) Part:	
Connectors	1 x SMA male
Frequency Range	1575.42MHZ±3 MHz/1602-1610MHZ
Polarization Type	RHCP
Impedance	50Ω
LNA Gain	28±2dB Typical
Noise Figure	3-3.5dB
V.S.W.R	<2.0
DC Voltage	2.2-5.0V
DC Current	5-15mA
WIFI Part:	
Connectors	2 x RP-SMA male
Frequency Range	2400-2500MHz,4900-5850MHz
V.S.W.R	<2.0
Gain	6/8dBi
Polarization	Linear
Impedance	50Ω
LTE Part:	
Connectors	2 x SMA male
Frequency Range	698-960MHz,1710-2170MHz, 2300-2700MHz,2900-3800MHz
V.S.W.R	3 Max
Gain	3/5/6/7dBi
Polarization	Vertical
Impedance	50Ω



MECHANICAL SPECIFICATIONS	
Housing	Black
Cable	GPS: RG174 LTE&WIFI: RG58
Length	3m
Connector	SMA(m)
Operation Temperature	-40°C~+85°C
Humidity	65%-95%RH
Waterproof	IP67
Antenna Radome Material	ABS
Mount way	Screw
Antenna Dimension	Φ143.5×80mm
Weight	1.2KG