

Classic



MARINE
& LAND

2

YEAR
WARRANTY

JellyFish

MULTI-BAND ANTENNA
Wi-Fi, GPS, CELLULAR

Product Number: JF-3

The JellyFish is a 3-way omni-directional, IP67 waterproof antenna for marine communication and transportation harsh environment applications. This antenna delivers advanced antenna technology for GPS/2G/3G/4G/WiFi in a compact package. The functions of WiFi include 802.11a, 802.11b/g/n and emerging 802.11ac. The antenna has its own ground-plane and can radiate on any mounting surface such as metal, plastic, or fiberglass without affecting performance.



Kit Includes:
JF-3 Antenna, Retaining Nut,
25ft RG-174 cable x3 (attached)

Features:

- 3-in-1 antenna functions
- Durable and robust
- Versatile mounting system
- Waterproof IP67
- Built-in ground-plane
- Warranty

Benefits:

- Wide-beam coverage for GPS, Wi-Fi, and cellular 2G, 3G, and 4G
- Resistant to harsh outdoor environments
- Can be mounted flush or on included pedestal
- Protected from dust and water
- Can radiate on any mounting surface such as metal, plastic, or fiberglass
- Two year limited warranty



IDEAL FOR
MARINE &
RECREATIONAL
VEHICLES



Easy Set Up



Beautiful and Durable



Flexibility in Mounting



Universal Compatibility

TECHNICAL SPECIFICATIONS

| | |
|----------------------|---|
| Product Number: JF-3 | |
| Dimensions | 1.6in x 4in (4.06cm x 10.16cm) |
| Mounting type | Flush, included pedestal |
| Mounting thread | M20 x 2.5mm |
| Connectors | Wi-Fi (R/P SMA Male), GPS (BNC Male), Cellular (FME Female) |

Wi-Fi SPECIFICATIONS

| | | | |
|----------------------------|--------------------------|--------------------------|--------------------------|
| Frequency band | 2.4~2.5GHz | 5~5.4GHzHz | 5.4~5.9GHzHz |
| Average peak gain | 4.8dBi | 6.9dBi | 7.7dBi |
| Average efficiency | 73% | 65% | 70% |
| VSWR Max | 3.0:1 | 3.0:1 | 3.0:1 |
| Impedance | 50Ω | 50Ω | 50Ω |
| Pattern type/ polarization | Omni-directional/ linear | Omni-directional/ linear | Omni-directional/ linear |
| Power handling | 25 watt | 25 watt | 25 watt |

JARDEN
applied materials

Shakespeare® Company, LLC a subsidiary
of Jarden Corporation (NYSE: JAH)

All products and product specifications are subject to change without prior notice

Shakespeare®

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GPS SPECIFICATIONS

| Specifications | |
|----------------------------|--|
| Frequency band | 1575.42 ± 2MHz |
| VSWR | 1.5:1 |
| Bandwidth | 20MHz Min. at -10dB |
| Axial ratio / Polarization | 3dB Max. on a 70mm x 70mm ground plane / Right hand circular |
| Peak Gain | 4dBic Min. at 0° on a 70mm x 70mm ground plane |
| Gain & radiation coverage | ≥-4dBic at -90°≤θ≤90° (over 75% volume) |
| Amplifier Module | |
| Gain | 27dB Typical |
| Noise figure | 2.5dB Max. |
| LOW voltage operation | 2.7-6.0Vdc |
| Impedance | 50 OHMS |
| VSWR | 2:1 Max. |
| Brand rejection | -35dB@±100MHz |
| Power handling | 1W Max. |
| Current | 10±3mA |

CELLULAR SPECIFICATIONS

| Frequency type | LTE | AMPS/GSM | DCS/PCS | WCDMA |
|----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Frequency band | 696~800MHz | 824~960MHz | 1710~1990MHz | 1920~2170MHz |
| Average peak gain | 2.6dBi | -0.1dBi | 6.7dBi | 6.8dBi |
| Average efficiency | 64% | 39% | 78% | 80% |
| VSWR Max | 3.0:1 | 3.0:1 | 3.0:1 | 2.0:1 |
| Impedance | 50Ω | 50Ω | 50Ω | 50Ω |
| Pattern type/ polarization | Omni-directional/ linear | Omni-directional/ linear | Omni-directional/ linear | Omni-directional/ linear |
| Power handling | 25 watt | 25 watt | 25 watt | 25 watt |