

# WIFI2B9

## 9 dB Dual Band WIFI Marine Antenna 0.56 m

Long range high gain dual band WIFI antenna designed for professional maritime use

- Covers all WIFI bands (2.4 GHz and 5 GHz)
- Longer range and better signal quality
- Short and light weight design

### ELECTRICAL SPECIFICATIONS

Frequency	2400 - 2495 MHz, 4910 - 5925 MHz (IEEE 802.11 (WLAN) a/b/g/h/j/n/p/ac )
Bandwidth	Low band 95 MHz, High band 1015 MHz
Antenna Type	Full 1/2 $\lambda$ dipole - no groundplane needed
Impedance	50 ohm
Vswr	< 2.0:1
Polarisation	Vertical
Gain	9 dB (Marine), 5 dBd, 7.1 dBi
Radiation Pattern	Omni-directional
Max. Input Power	10 W
Antistatic Protection	Direct Ground (DC-short)



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MECHANICAL SPECIFICATIONS

Color	White and chrome
Weight	140 g
Length	558 mm
Mounting	On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets
Mounting Place	On mast or deck
Materials	PC, PCB, PTFE and chrome plated solid brass
Survival Wind Speed	55 m/s (125 mph)
Operating Temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)
Connector	N-female
Cable	No cable supplied
Ingress protection	IP66
Vibration	IEC 60068-2-6, IEC 60068-2-64
Serial no.	On product label

ORDERING INFORMATION

18001-000	Antenna only - Bulk packing
18001-001	Antenna only - in Polybag
18001-002	Antenna only - in Carton tube
18001-431	Antenna + 1" Revolving Nut Kit - in Polybag
18001-432	Antenna + 1" Revolving Nut Kit - in Carton tube

PACKAGING INFORMATION

Type	Bulk packing or individually packing in Polybag or Carton tube (See "Part No.")
size	Approx. 0.7 m
weight	Approx. 0.82 kg

# Datasheet

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