

# GPS-7507

## UHF (380 - 430 MHz) 0 dBd Mobile Whip and GNSS Combination Base Kit

The GPS-7507 is a whip and base combination for through hole mounting. Combining an integrated GNSS antenna and a unity gain UHF whip, specifically 380 - 430 MHz.

With a meticulously constructed base and whip, it is durable and strong.

Ideal solution for motorcycles.

### ELECTRICAL SPECIFICATIONS

Type	Whip antenna (1/4 λ) and GNSS Base Kit
Frequency	380 - 430 MHz, 1574.42 - 1576.42 MHz (UHF, GNSS)
Bandwidth	50 MHz (UHF)
VSWR	≤ 2.0:1 (UHF)
Impedance	50 Ohm
Gain	0 dBd, 2.15 dBi (UHF)
Polarization	Linear (UHF), Right Hand Circular (RHC) (GNSS)
Max. Input Power	50 W (UHF)
Satellite System	GPS and Galileo
LNA Gain	25 dB @ 2.7 VDC 27 dB @ 5.0 VDC
Noise Figure	Max. 1.8 dB
Supply Voltage	2.7 - 5.5 VDC
Current Consumption, Average	15 mA @ 2.7 VDC 25 mA @ 5.0 VDC



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MECHANICAL SPECIFICATIONS

Color	Black
Weight	450 g
Dimensions	Ø60 x 220 mm
Mounting Place	On horizontal metallic surface (Vehicle roof etc.)
Mounting Hole	Ø 14 mm
Materials	ABS, Zinc-Aluminum, copper, brass, PE
Cable	350 mm RG-174
Connector	SMA-male (UHF), FME-female (GNSS)
Serial No.	On product label

ORDERING INFORMATION

GPS-7507	In bag
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