

# GPS-776C

## 3-in-1 Multiband Antenna (UHF/Cellular/GNSS) with Unity Gain Whip

Roof mounted 3-in-1 combination antenna base with UHF Unity Gain whip antenna and with integrated active GNSS antenna and Cellular antenna.

- Unity Gain UHF Whip
- Multiple bands in one installation
  - Tetra
  - GSM/UMTS/LTE
  - GPS/Galileo
- High quality compact construction

## ELECTRICAL SPECIFICATIONS

Frequency	380-430 MHz, 880-960 MHz, 1710 -2170 MHz, 1574.42 - 1576.42 MHz (UHF/Cellular/GNSS)
Bandwidth	See "FREQUENCY"
Impedance	50 Ohm
VSWR	≤2.0:1
Satellite System	GPS and Galileo
Polarization	Vertical (UHF, Cellular), Right Hand Circular (RHC) (GNSS)
Gain	0 dBd, 2.15 dBi (UHF, Cellular)
Max. Input Power	15 W (UHF, Cellular)
LNA Gain	26 dB
Noise figure	Typ. 1.5 dB
Supply Voltage	2.7-5.0 VDC (Fed via cable)
Current Consumption, Average	15 mA @ 3.0 VDC 25 mA @ 5.0 VDC



Datasheet

MECHANICAL SPECIFICATIONS

Color	Black
Weight	500 g
Size	175 x 98 x 58 mm
Mounting	Bolt-on
Mounting	Ø 14 mm (Hole)
Materials	ABS, PCB, PE, copper and brass
Operating Temperature	-40 to +85 °C
Cable	300 mm RG174
Connectors	FME-female (UHF), SMA-female (Cellular), SMA-male (GNSS)
Extension Cable	6.0 m RG174, SMA-male to SMA-male (GNSS) 6.0 m RG58, SMA-male to SMA-male (Cellular) 6.0 m RG58, FME-male to TNC-male (UHF)
Ingress Protection	IP67
Serial No.	On product label

ORDERING INFORMATION

GPS-776C	In Bag
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PACKAGING INFORMATION

TYPE	Box
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