

GPS-776

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

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

ELECTRICAL SPECIFICATIONS

| | |
|------------------------------|--|
| Frequency | 380-430 MHz, 824-960 MHz, 1710 -2170 MHz, 1552 - 1608 MHz (UHF/Cellular/GNSS) |
| Bandwidth | 20 MHz in UHF See "FREQUENCY" (Cellular, GNSS) |
| Impedance | 50 Ohm |
| V.S.W.R | ≤1.3 @ f.res (380-430 MHz), ≤2.5 (1552-1608 MHz), ≤3.3 (824-960/1710-2170 MHz) |
| Satellite System | GLONASS, GPS, Galileo and BeiDou |
| Polarization | Linear (UHF, Cellular), Right Hand Circular (RHC) (GNSS) |
| Gain | 0 dBd, 2.15 dBi (UHF) |
| Max. Input Power | 15 W (UHF), 10 W (Cellular) |
| LNA Gain | 18±1 dB @ 2.7 VDC 22±1 dB @ 5.0 VDC |
| Noise Figure | Max. 2.1 dB |
| Voltage | 2.7-5.0 VDC |
| Current Consumption, Average | 12 mA @ 2.7 VDC 26 mA @ 5.0 VDC |



Datasheet

MECHANICAL SPECIFICATIONS

| | |
|-----------------------|--|
| Color | Black |
| Weight | 600 g |
| Dimensions | 95 x 52 x 230 mm |
| Mounting | Bolt-on |
| Mounting Hole | 15x15 mm or Ø 19 mm |
| Build-In Depth | TBA mm |
| Materials | PA, PCB, PE, copper, brass and stainless steel |
| Operating Temperature | -30 to +80 °C |
| Cable | 180 mm RG316/U (UHF), 130 mm RG174/U (Cellular), 210 mm RG174/U (GNSS) |
| Connector | TNC-male (UHF), FME-female (Cellular), SMA-male (GNSS) |
| Ingress Protection | IP65 (when mounted) |
| Serial No. | On product label |

ORDERING INFORMATION

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| GPS-776 | In Bag |
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