



Compact GPS Receiver

T2003-A00

Integrated Antenna and Receiver

12 Channel - Fast Acquisition Time

Compact Design

- The T2003-A00 is an economical low profile GPS receiver / antenna solution.
- Configured to plug directly into the T2000 Series II trunked mobile (Direct Connect GPS mobile firmware and single UART option required).
- Mounting: Compact design is ideally suited to either glass or dash mounting
- Real time clock with battery backup.
- Low power consumption - 125mA @ 3.8V.



T2000 Direct Connect GPS Compatible

CONNECTIVITY • RELIABILITY • FLEXIBILITY

TAIT
T2000
MOBILES



TAIT

Radio Communications

T2003-A00

General Specifications

<http://www.taitworld.com/>

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General

Colour
 Sensitivity
 Real Time Clock

12 parallel tracking channels integrator receiver

Black
 -165dBw minimum
 Onboard battery back up

Performance

Position Accuracy
 Time To First Fix
 Hot Start
 Warm Start
 Cold Start
 Re-acquisition Time

25 meters CEP (S/A off)
 < 15 seconds
 < 40 seconds
 < 90 seconds
 < 100 milli-seconds

Interfaces

Supply Voltage
 Current Consumption


3.8 - 8VDC
 125mA typ @ 3.8VDC

Physical

Operating Temperature
 Storage Temperature
 Humidity

-20°C to +75°C
 -15°C to +90°C
 5% to 95% non-condensing

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