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Smart, Low-Cost & High-Performance GPS/GNSS Disciplinable Rubidium Source

RBSource[™] -1500

Smart GPS/GNSS Disciplinable Rubidium Source
SmarTiming+[®] 1ns-Resolution Disciplining Technology Inside



The RBSource is a low-cost, high-performance GPS/GNSS disciplinable Rubidium reference source. It integrates a smart Rubidium clock and uses the GPS/GNSS SmarTiming+[®] technology, disciplining the Rb clock with an auto-adaptive loop time constant of 1,000 to 100,000 seconds, depending on the GPS/GNSS signal quality, at cutting-edge 1ns resolution. It's designed for cross-industry applications, where high stability and timekeeping features is a driving requirement.



Key Features

- Integrated Rb clock
- Integrated GPS/GNSS disciplinable Rb clock function, using SmarTiming+[®] technology at 1ns resolution
- Output Frequencies (8x 10MHz / 8x 1PPS or 16x 10 MHz)
- Integrated smart auto calibration
- Internal Bit Alarm
- RS232 standard interface (9600 b/s)
- Windows 7, XP software application
- Power supply voltage (AC input 100-240 VAC / 50-60Hz)
- Compact 1U rack mountable chassis

APPLICATIONS

Synchronization | Timing | Reference/Test Source | Time/Frequency Source

