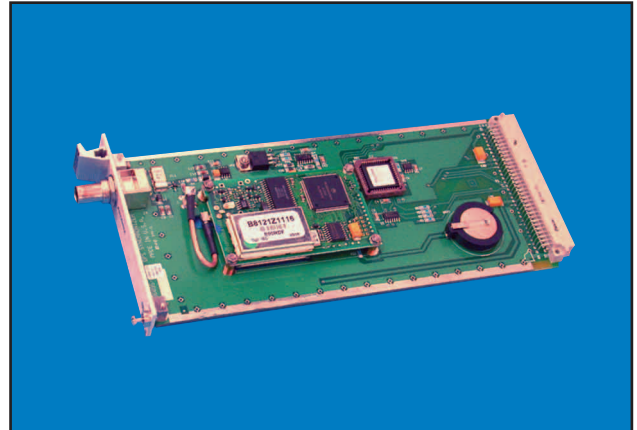


Time and Frequency GPS Synchronizer Module for Model 9000 Model: 9001



Application - Defense (Military) ■ SatCom ■ Wireless

- Range Timing
- Communications Networks
- Satellite Ground Stations
- Test and Measurement Systems



General Description

The Model 9001 provides GPS time synchronization and oscillator discipline for the Model 9000. Time and rate outputs are to within ± 100 ns of UTC and long-term frequency accuracy to U.S. Naval Observatory (USNO). Time, 1 PPS, navigation, satellite data, and status are all available to the main logic microprocessor for use within the Model 9000 system. An active antenna is included featuring 30 dB gain and triple filtering for reliable operation in high near RF field areas.

Specifications:

Receiver:	Twelve Channels, L1 C/A Code
Acquisition Time:	<Two Minutes Typical (Warm Start) <Five Minutes Typical (Cold Start)
Navigation:	Latitude, Longitude, and Height
Antenna Connector:	TNC Female
Panel Space:	One High

Specifications subject to change without notice.