

Time and Frequency

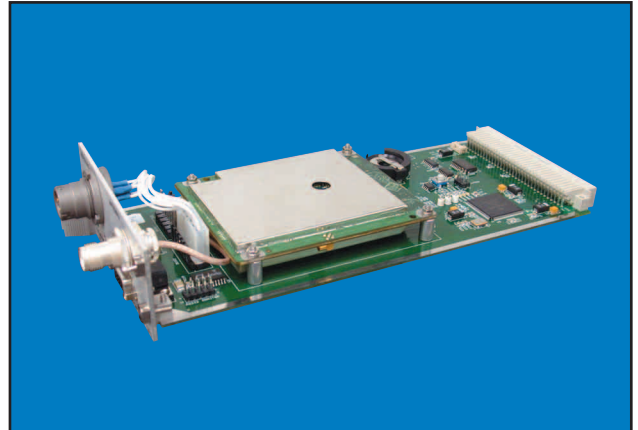
GPS SAASM Synchronizer Module for Model 9000

Model: 9001S

Application - Defense (Military) ♦ SatCom

Description:

The Model 9001S SAASM based GPS Receiver Module utilizes the Precise Positioning Service (PPS) of GPS and provides direct P(Y) code acquisition, all SAASM capabilities, and increased timing accuracy when the receiver is keyed. When unkeyed, it operates as a standard GPS C/A code receiver. As a Model 9000 plug in module, it allows a simple and cost effective GPS SAASM upgrade for fielded Model 9000's.



Specifications:

Receiver:	Twelve channels, dual frequency L1 (1.575 GHz) and L2 (1.227 GHz)
Codes:	Both C/A and P(Y)
Time to First Fix:	Approximately 1 minute for a warm start
Antenna Connector:	"TNC" type female Note: Unless otherwise specified, the Model 9001S is supplied with an L1/L2 antenna and 50 feet of RG58 coaxial cable. Other cable lengths and types are available.
Key Load Interface:	Accepts KYK-13, KOI-18, and AN/CYZ-10 standard key loaders 6 pin IAW J1 defined in ICD-GPS-154
Key Fill:	DS-102
Panel space:	Two panel spaces high

Notice: U.S. Government policy restricts the sale of Precise Position Service (PPS) equipment to those authorized by the Department of Defense. Non-U.S. authorized users must purchase PPS equipment through the Foreign Military Sales (FMS) process.

Specifications subject to change without notice.



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