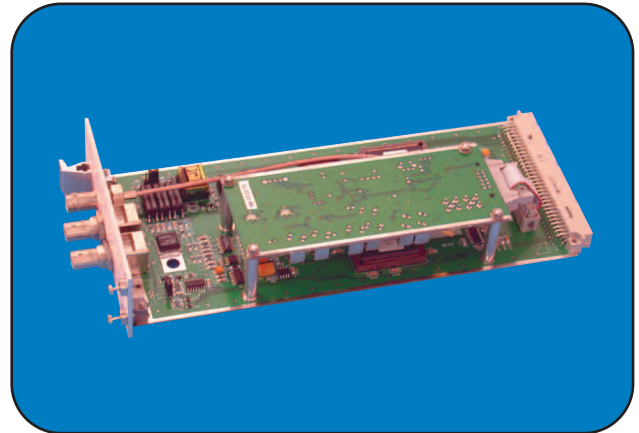


# Time and Frequency VHF Receiver/Synchronizer Module (9000 & 9000S) Model: 9017



Application - Defense (Military) ■ SatCom ■ Wireless

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



## General Description

The Model 9017 adds IRIG-B synchronization via VHF FM radio transmission on either 143.000 MHz or 143.575 MHz. This module is only useful in test ranges where this time transmission service is available. Like the Model 9002 Time Code Reader/Synchronizer, it is useful providing secondary or backup Model 9000 synchronization.

## Specifications:

### VHF Input

Carrier Frequencies:	Switch Selectable, 143.000 MHz or 143.575 MHz *
Modulation:	Frequency Modulation, IRIG-B
Sensitivity:	0.25 $\mu$ V for 12 dB SINAD
Quieting:	0.5 $\mu$ V for 20 dB
Connector:	BNC, Female

### 1 PPS Output

Level:	TTL, Rising Edge on Time
Impedance:	50 $\Omega$
Connector:	BNC, Female
Panel Space:	Two High

### IRIG-B Code Output

Format:	Modulated IRIG-B
Impedance:	50 $\Omega$
Connector:	BNC, Female

\* NOTE: Additional frequencies available, contact factory.

Specifications subject to change without notice.