

# MtRF-5610

## 10 MHz GPS Disciplined 8-Output OCXO Frequency Reference



### KEY FEATURES:

- High Holdover Stability
- 8 Outputs, 10 MHz
- Low Phase Noise
- 1 PPS Output
- RS-232 Serial
- NMEA-0183

## WHAT HAVE YOU BEEN MISSING?

The **MtRF-5610** GPS Disciplined (GPDSO) is a frequency reference using a high quality Ovenized Crystal Oscillator (OCXO). The 8 outputs are individually buffered, providing high channel-to-channel isolation. The outputs are 50 $\Omega$  resistive and low-pass filters ensure low harmonic content.

## Specifications

Frequency	10.000000 MHz
Holdover Stability	+/-15us, 24 hours @ 25°C
1 PPS Accuracy	+/-35ns to UTC RMS
Phase Noise Floor	-155 dBc/Hz at 10 kHz
Output	10MHz CMOS
Temperature Range	-20°C to +50°C, operating
Power Input	90 - 250 VAC or 12 VDC
Serial Port	RS-232, NMEA-0183
GPS Antenna	Passive or active, 5 VDC
GPS Sensitivity	Acquisition -142 dBm Tracking -158 dBm
RF Connectors	BNC
Dimensions (L x W x H)	8.75" x 6.50" x 2.02" module

This model is also available in a 19" 1U package ("-R" suffix)

## What have you been missing?

PLEASE CALL OR EMAIL WITH YOUR INQUIRY:

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