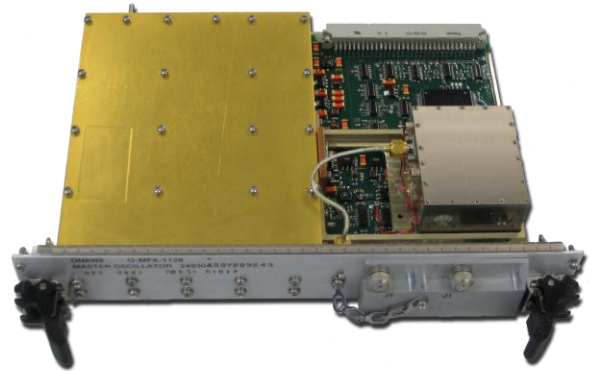


VME Master Oscillator

TECHNICAL FEATURE

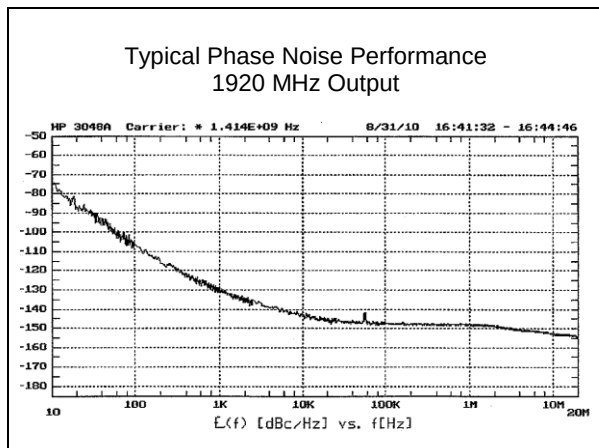
Features

- 4 Different Output Frequencies
- Internal High-Stability Crystal Reference
- Built-in Test Functions



Performance

Frequency Outputs.....	10 MHz PECL
.....	160 MHz Sine, +10 dBm nom
.....	320 MHz Sine, +18 dBm nom
.....	1920 MHz Sine, +10 dBm nom
BITE Function.....	Output Power Threshold
Programmability.....	Front Panel JTAG
VSWR.....	1.5:1 max
RF Connection Interface.....	OSP Blind Mate
DC Power.....	+5, +15 VDC
Operating Temperature Range.....	0 to +50°C
Package Size.....	2-slot, VME 6U



Description

This Master Oscillator is designed to provide all of the signals required for an advanced system. Starting from a low noise, vibration insensitive Crystal oscillator, all of the subsequent signal outputs are derived. The unit is designed to offer very low spurious signal output and excellent signal stability over the operating conditions. An advanced Built-in test function provides indication, through the VME bus, of the signal output presence for each output. Also provided is the ability to disable each output from the command bus.

The device is fully tested and guaranteed over the operating conditions.