

Standard Use for a Master Oscillator Module

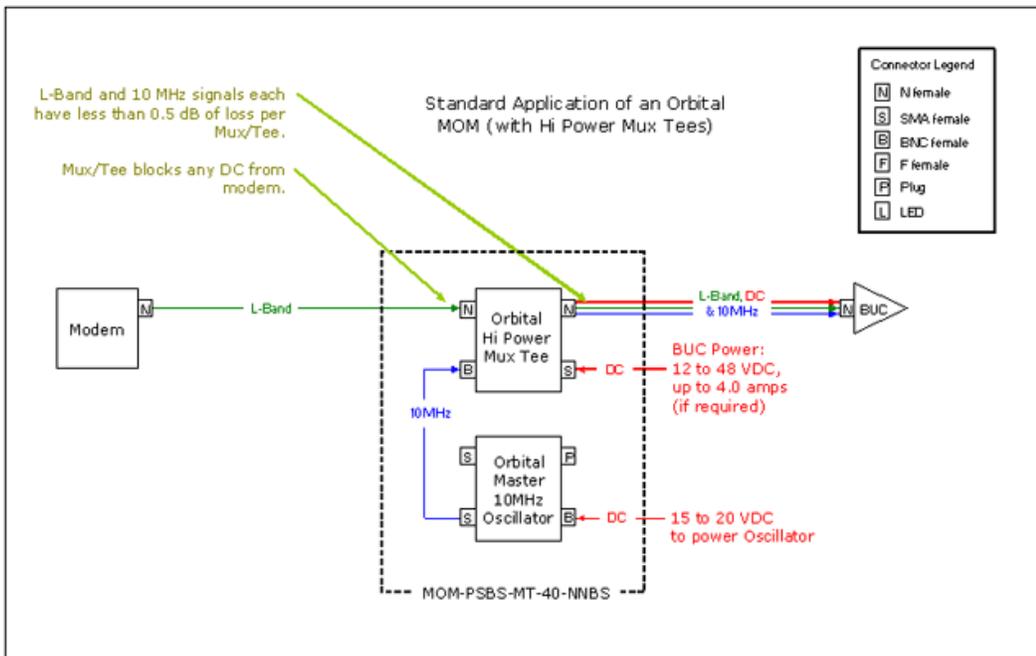
Using a standalone Master Oscillator (MOM or POP) provides a stable, high quality reference to phase lock any and all external reference devices in the system.

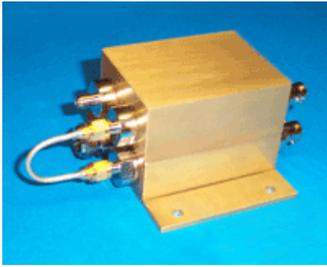
Advantages:

- reference signal can be split and distributed to multiple devices throughout the system
- the system is free of dependence on a single modem or power supply
- independent oscillator power supply provides immunity from ground loops, modulations, and transients
- the system architecture is now flexible, free to add additional components as needed
- exceptional quality ensures improved phase noise, bit error rate, and C to N.

The application below is the simplest form of utilizing a Master or Precision Oscillator to lock a BUC, BDC or LNB

For multiple devices see using an MODM or PODM.





MOM - Master Oscillator Module

Shown as a stack, also available on a plate, or in a rack.

