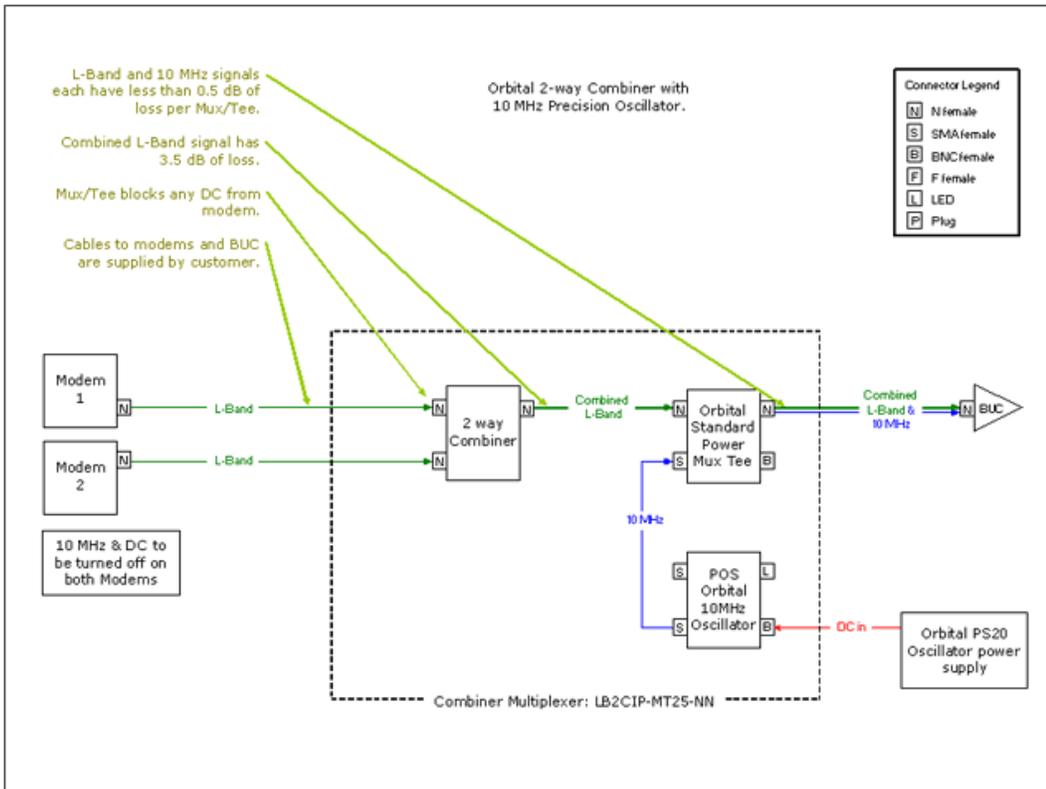


# Two Way Combiner with 10 MHz Precision Oscillator

## Orbital 2-way Combiner with 10 MHz Precision Oscillator

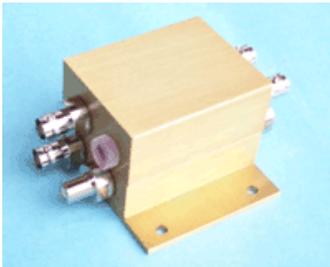
With the 10 MHz reference and DC turned off on a pair of modems, only the L-Band is passed to the 2-way combiner. An Orbital Ovenized Precision Oscillator (POS), (or a MOS) provides the 10 MHz reference to the Orbital Mux/Tee that integrates the signals and inserts the DC power.



### Signal Line Legend

- DC Power
- L-Band
- 10 MHz Reference

- Cables from Modem to Combiner and from Combiner to BUC, supplied by customer. All of jumpers supplied by Orbital.
- All modems need to have their DC turned off.
- The 10 MHz signal is provided by an Orbital standalone, 10 MHz Oscillator (MOS or POS).
- The Orbital Mux/Tee is required at the output of the Combiner to integrate the 10 MHz with the L-Band signal and DC power.



# POP - Precision Oscillator Package

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

