

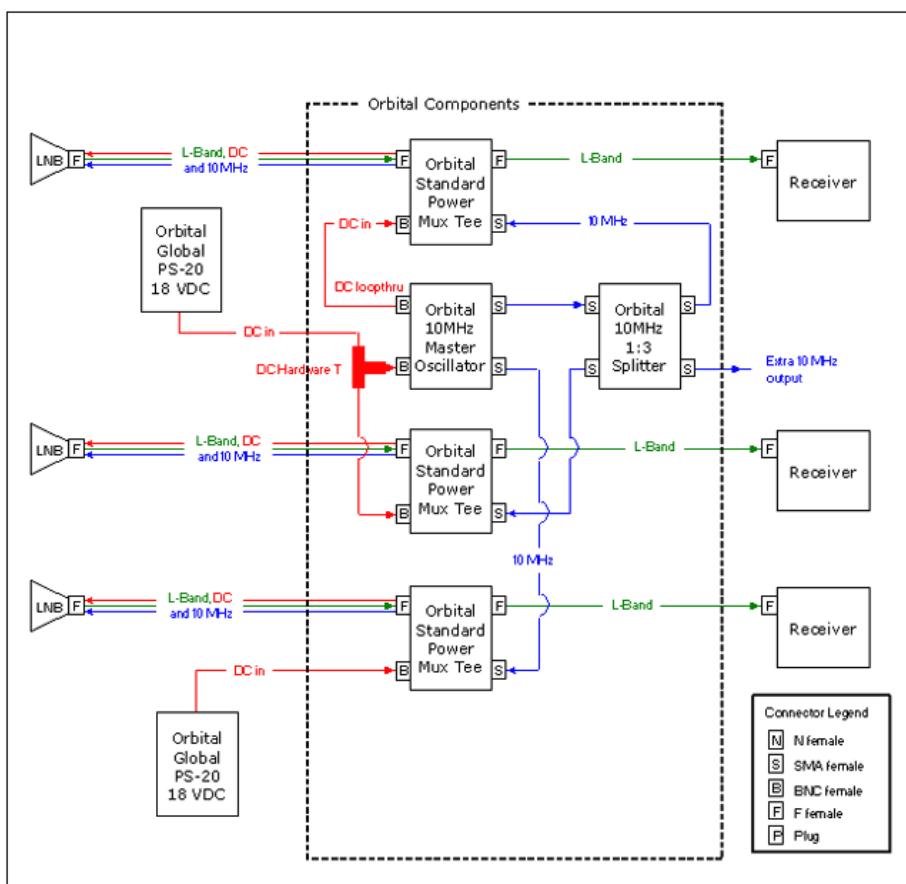
Adding Two Services to an Existing System

Using Orbital Systems Interface Products to bring 3 LNBS and 3 Receivers under the discipline of a single 10 MHz Oscillator.

Customer required dual pole Ku and single pole C band LNBS with very low drift. A single Orbital Master Oscillator with a single Orbital 3 way 10 MHz splitter fed three Orbital Mux Tees to achieve synchronous down conversion.

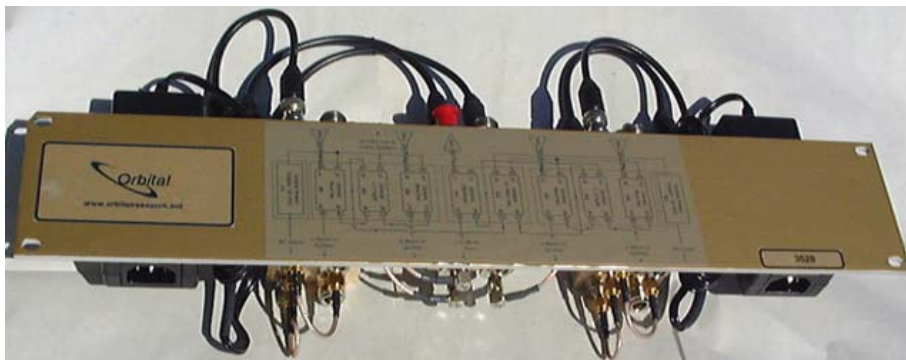
Advantages are modular design that is easily expandable and maintainable.

Both 75 ohm and 50 ohm impedances can be accommodated with Orbital low loss impedance transforms.



Signal Line Legend

- DC Power
- L-Band
- 10 MHz Reference



(Item will resemble the above, but is not precisely as pictured.)

(Item not precisely as pictured below.)

