

Using an RPT Redundant Power Tee

Using an Orbital Redundant Power Tee provides inexpensive power supply redundancy.

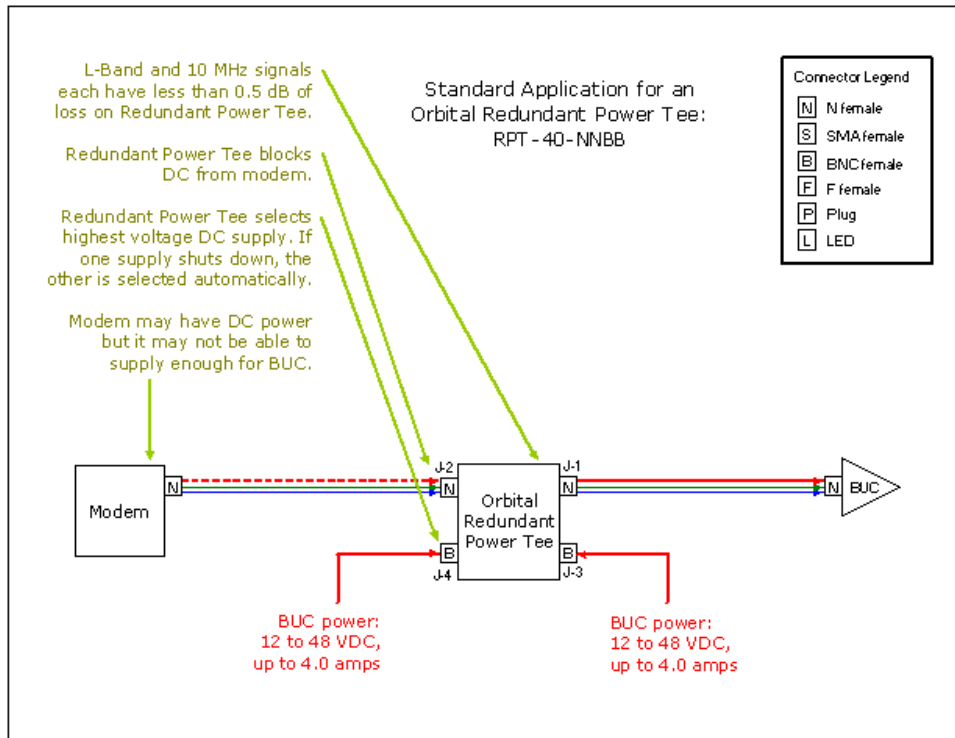
The Orbital Redundant Power Tee protects against the most common form of system failure - loss of a power supply.

To have a separate power supply for the BUC is often required because many modems do not have sufficient power for the new BUCs. Doing this properly requires blocking DC from the existing BUC while the 10 MHz and L-Band signals are passed through. Power is inserted on two poles of a Redundant Power Tee. The Redundant Power Tee selects the highest voltage DC supply, if one shuts down, the other is automatically selected.

This same device can provide redundant dc supply to non-referenced devices such as PLL or DRO LNBs or BDCs.

A unique application is to power a receiver via the L band port, as in a Panasonic Airborne Receiver couple to an Orbital Airborne LNB.

Sensitive or secure applications can be discussed in confidence upon request.



Signal Line Legend

- DC Power
- L-Band
- 10 MHz Reference

