

# Using an MT-40 MUX Tee as a 10 MHz Diplexer

## Using an Orbital MT-40 Mux Tee as a Diplexer to insert a 10 MHz reference to a BUC

The Orbital MT40 Mux Tee blocks DC power from the modem while passing the L-Band signal and allows the insertion of a 10 MHz reference signal from an independent source - all this with less than 0.5 dB of insertion loss. Here, the BUC would have to have its own AC power supply.

