Power from the Radio via UGPS Timing Port 1 or UGPS Timing Port 2

Shown below is an example of a UGPS unit powered from a PTP 230 BHM through an RJ-11 cable connected to either Timing Port 1 or Timing Port 2 of the UGPS. The UGPS may be powered by either Timing Port, and up to two radios may receive synchronization over the Timing Ports when the UGPS is powered in this fashion.

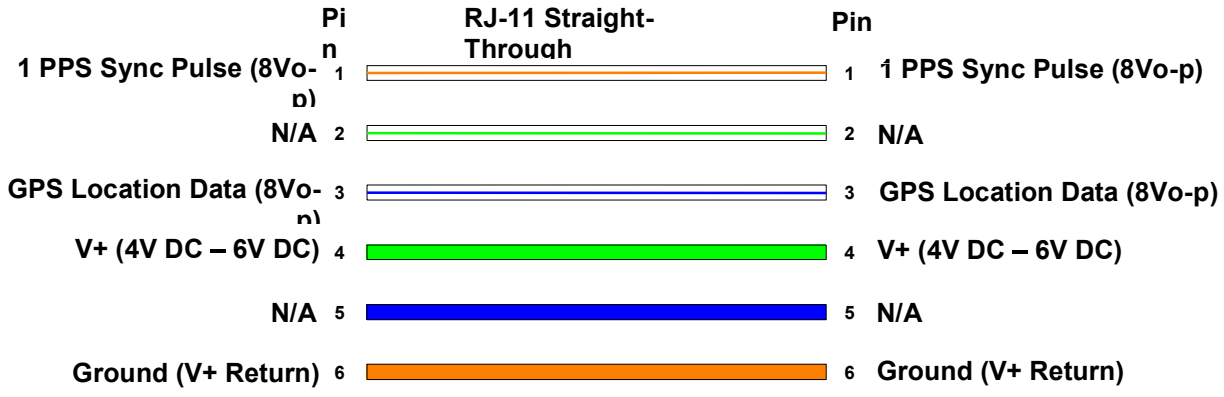
NOTE

This UGPS powering mode is currently supported only by PTP 230 BHM and PMP 450 Platform AP. Future Cambium Networks hardware releases will also support providing power to the UGPS.

When powering the UGPS via AP or BHM, the system uses a straight-through 6-pin RJ-11 cable to provide power to the UGPS and to retrieve GPS synchronization pulses and data from the UGPS. The following diagram shows the wiring of the cable for sync and power.

RJ-11 Pinout for Straight-through Sync / Power Cable

Figure 76 Power Pinout - UGPS to AP/BHM Timing Port (6-pin RJ-11)



Pin 1 →	white / orange	← Pin 1
Pin 2 →	white / green	← Pin 2
Pin 3 →	white / blue	← Pin 3
Pin 4 →	green	← Pin 4
Pin 5 →	blue	← Pin 5
Pin 6 →	orange	← Pin 6