

## CABLE-C-LG: iCCU-S2 Cable for Logic Ground

This cable is used when the iCCU-S2 is used as a full BIU device on the SDLC bus. That is, the iCCU-S2 is both placing calls and receiving PED interval information via SDLC. This cable has a discrete single white/red or white wire that must be connected to the cabinet's logic/signal ground (LOGIC GND).

When using SDLC, it is necessary to share a common logic/signal ground with the Traffic Controller and other devices on the SDLC bus. Because section 5.3.3 of the NEMA TS2 standard does not require SDLC cables to have connections to pins 2, 4, 6, and 8, most generic SDLC cables do not carry through the logic ground pins of a Traffic Controller's Port 1 connector. Therefore, this cable is necessary for connecting the iCCU-S2's logic ground to the Traffic Controller's common logic/signal ground whenever using the iCCU-S2 in BIU Mode.

Failure to establish this ground connection can result in damage to the iCCU-S2, the Traffic Controller, or other hardware on the SDLC bus.

One of these cables ships with every iCCU-S2.

