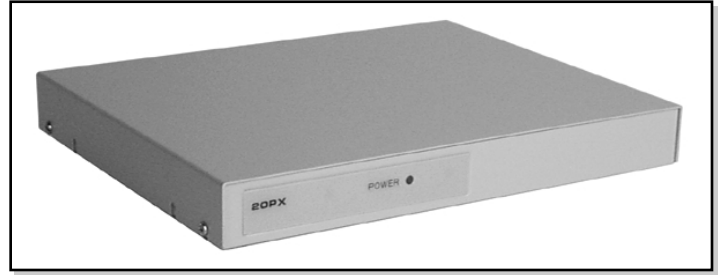


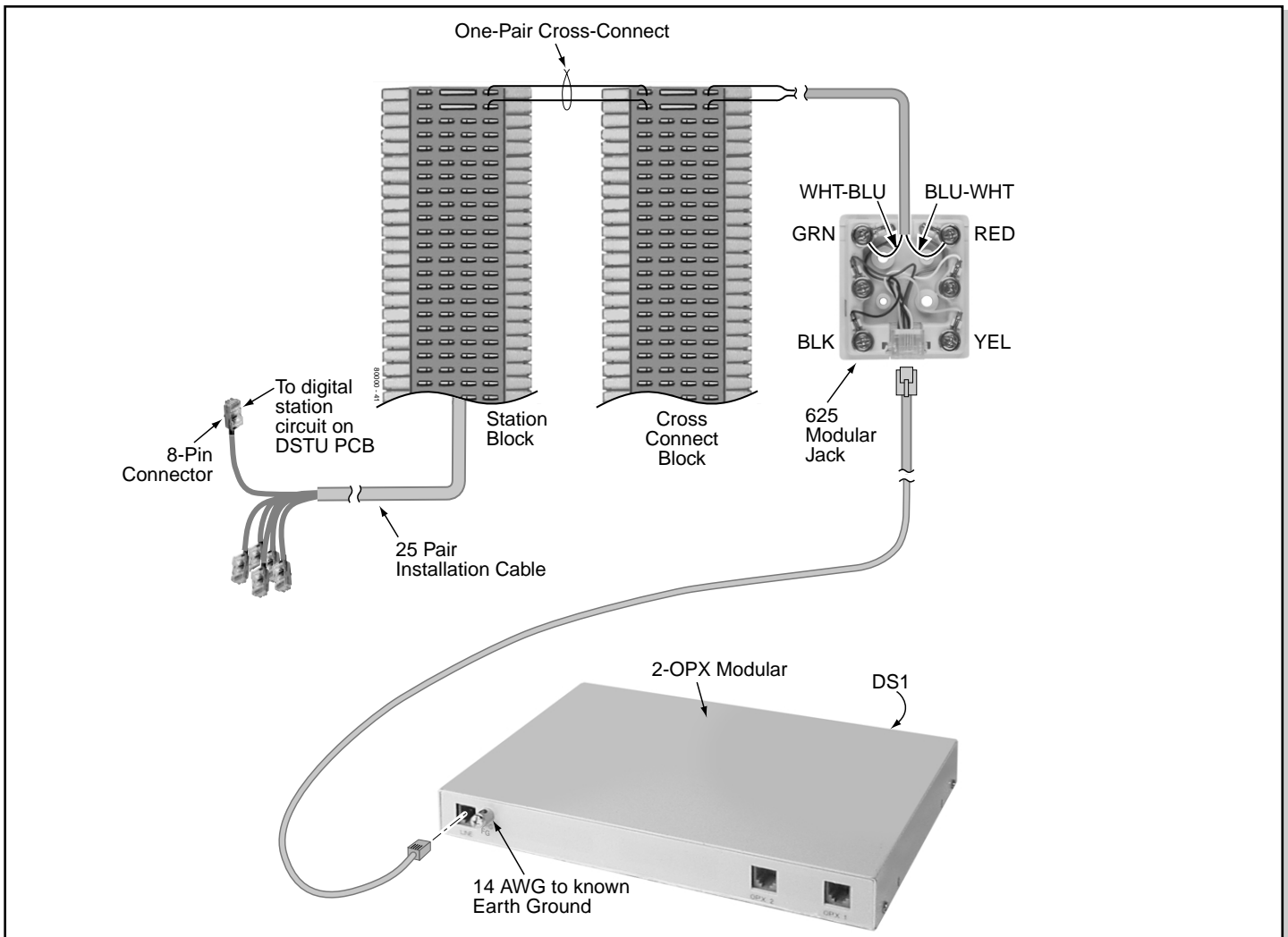
Installing the DS2000 2-OPX Module (P/N 92177A)

The 2-OPX Module provides two 2500 type analog circuits for connection to on-premise 2500 type single line devices (i.e., telephones, fax machines, modems, etc.) and to telco OL13B/C OPX circuits. It uses a single digital extension circuit for the power and signaling for both analog ports.



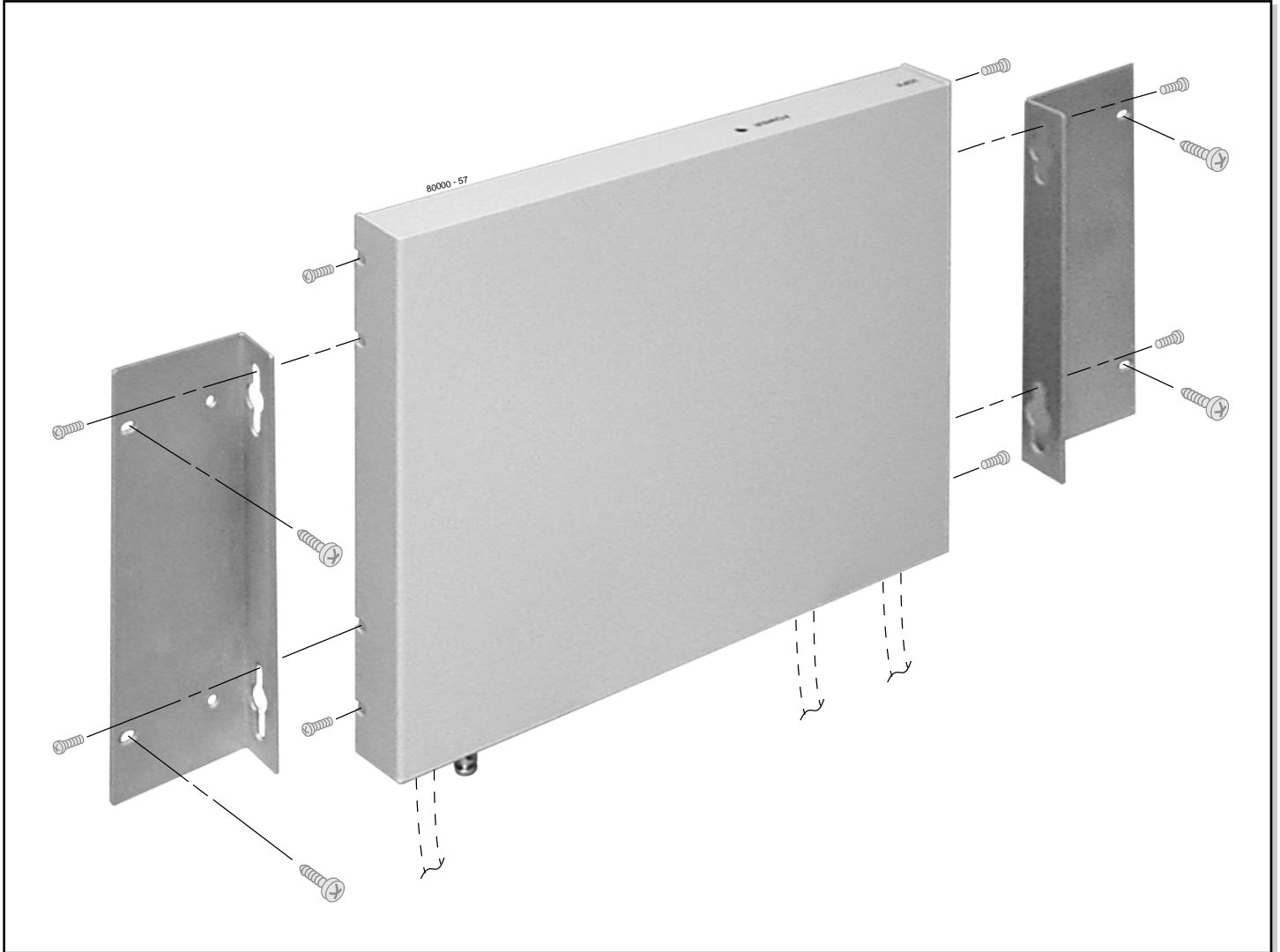
Installing the 2-OPX Module

1. Locate an 8-pin modular connector in a trunk (A) block or station (B) block.
Local codes may prevent you from using a connector on the A block for optional equipment.
2. For the connector chosen, cross-connect the associated wire pair from the A or B block to the cross-connect block.
3. Install a modular jack for the 2-OPX Module within six feet of the module's location.
4. Run one-pair 24 AWG station cable from the cross-connect block to the modular jack.
5. Terminate the station cable WHT/BLU - BLU/WHT leads to the RED and GRN lugs in the modular jack.
6. Install bridging clips as required.
7. Ground the 2-OPX Module by connecting a 12 AWG ground wire from the FG lug to a known earth ground.
8. Plug a line cord into the 2-OPX unit and the 2-OPX's modular jack.
The DS1 LED on the 2-OPX Module lights steadily.



Wall Mounting the 2-OPX Module:

1. Following the diagram below, move the screws that secure the 2-OPX Module cover from the outside holes to the inside holes. **Do not** tighten the screws.
2. Attach the wall mount brackets to each side of 2-OPX Module and tighten the screws.
3. With the connectors facing down, mount the 2-OPX Module to the wall using suitable customer-provided fasteners. *Use the 2-OPX Module as its own mounting template.*
4. Connect the 2-OPX module as described on the previous page.



Programming the 2-OPX Module

- In **1801: Extension Circuit Type**, assign the 2-OPX extension circuit type 21.
The 2-OPX Module uses a single port.

When connected to the first DSTU PCB in the system, the first 2-OPX extension number is the same as the port's extension number. The second 2-OPX extension number is the first port **plus** 201. For example, the two extension numbers for the 2-OPX Module plugged into extension 314 are 314 and 515.

When connected to the second DSTU PCB in the system, the first 2-OPX extension number is the same as the port's extension number. The second 2-OPX extension number is the first port **plus** 217. For example, the two extension numbers for the 2-OPX Module plugged into extension 316 are 316 and 533.

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