

Technical Bulletin


PDI-772HE 10-Way Assembly Replacement



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	MODEL NUMBER: PDI-772HE	Document Number: PDTCH-106R2
	10-Way Assembly Replacement	Page 2 of 2

Introduction

The 10-Way RF Splitter board used in the PDI-772He Central Power supply is very specialized. This Technical Bulletin explains the step-by-step instructions for field replacement of the 10-way RF Splitter Assembly.

Tools:

Only three tools are required to replace the board, a Phillips head screwdriver, a small standard screwdriver, and a crescent wrench.

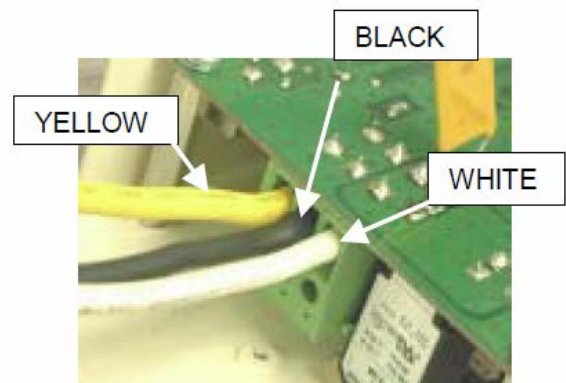
Procedure

Removal

1. Unplug the power supply's line cord from the wall outlet.
2. Loosen the two screws that secure the cable access cover.
Note: the cover screws are captive to the cover and are not removable.
3. Disconnect the "RF IN" coax cable.
4. Disconnect each "OUTPUT" coax cable.
5. Unscrew the four Phillips screws that hold the 10Way splitter board.
6. Lift the 10-Way assembly from the power supply.
Note: The 10-way circuit board is wired to both the transformer and enclosure ground.
7. Unscrew the green flying safety ground wire attached to the near end of the circuit board.
8. With a standard blade screwdriver, loosen the connector screws that hold each of the three transformer wires. Remove each wire.
9. Completely remove the 10-way assembly from the cabinet enclosure.

Replacement

1. With the replacement 10-way, attach the green safety ground wire to the circuit board ground screw as before. Tighten screw.
2. Attach each of the transformer wires to the 10-way circuit board using the color code as shown.
Note: Tighten all screw connections as tight as possible.
3. Position the 10-way assembly into the cabinet enclosure opening. Attach with four Phillips screws.
4. Connect each of the "OUTPUT" coax cables. Tighten all connections with a wrench.
5. Connect the "RF IN" coax cable. Tighten with a wrench.
6. Close the access cover and tighten both cover screws with a standard screwdriver.
7. Plug the Central Power Supply's line cord back into the AC wall outlet. Verify television functionality.



End of Procedure.