Printed Circuit Board Transmission Lines

- **Microstrip**: Probably most popular PCB transmission line. Easy fabrication and connection, yet is slightly dispersive, lossy, and difficult to analyze.

- **Stripline**: Better than microstrip in that it is not dispersive, and is more easily analyzed. However, fabrication and connection is more difficult.

- **Coplanar Waveguide**: The newest technology. Perhaps easiest to fabricate and connect components, as both ground and conductor are on one side of the board.

- **Slotline**: Essentially, a dual wire transmission line. Best for “balanced” applications. Not used much.