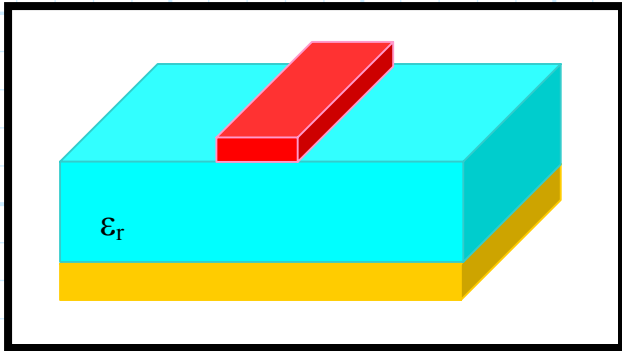
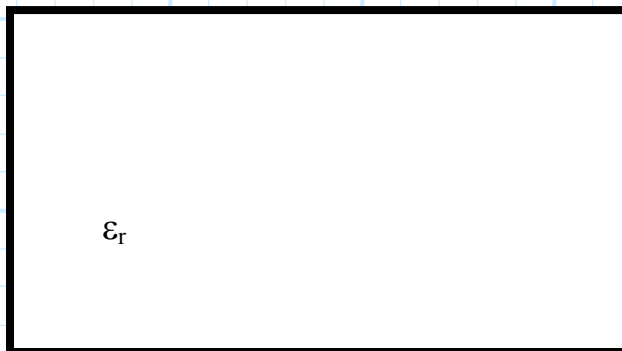


# Printed Circuit Board Transmission Lines



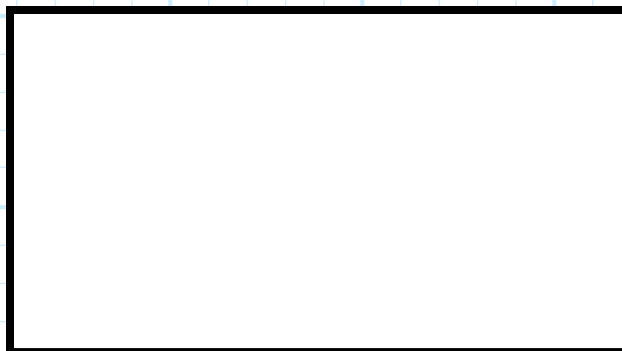
## Microstrip

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



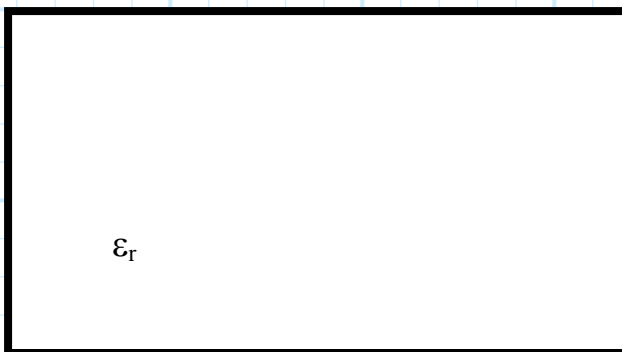
## Stripline

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.