

4.4 - The Transmission Matrix

Reading Assignment: *pp. 183-189*

Let's now consider the **transmission matrix**—a matrix that can **only** be used to characterize a **two-port** device.

Q: *Only for 2-port devices?!? That doesn't seem particularly useful. Why bother learning about **this**?*

A: There are a **lot** of **very** important two-port devices (e.g., amplifiers, filters, attenuators).

HO: THE TRANSMISSION MATRIX