

## 7.8 - The 180° Hybrid

**Reading Assignment:** *pp. 352-361*

Recall there are **two** different types of ideal **4-port** 3dB couplers: the **symmetric** solution and the **anti-symmetric** solution.

We know that the symmetric solution is the **Quadrature Hybrid**.

The anti-symmetric solution is called the **180 Degree Hybrid** (aka, ring hybrid, rat-race hybrid, Magic-T)

**HO: The 180° Hybrid**