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