

A few helpful hints for COMSOL simulations

- 1. Never solve in 3D when 2D will do.**
- 2. Use symmetry or asymmetry if appropriate.**
- 3. Solve Stationary or Eigenmode problems whenever possible.** These simulations are usually fast and rarely exhibit convergence problems.
- 4. If at all possible use Frequency Domain instead of Time Dependent analysis.** Convergence problems are uncommon in Frequency Domain but sometimes occur in Time Dependent simulations. Time Domain simulations are also time-consuming!
- 5. Use post-processing effectively in order to understand and interpret your results.** If you have performed a Frequency Domain simulation- review phasors if necessary.