

GDR Telecom Site Energy Systems

COMSOL beam splitter



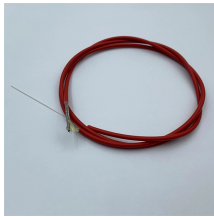
COMSOL beam splitter



The beam is split into two beams, one propagating in the x direction and the other in the y direction. The splitting can be evaluated by computing the flux crossing the incoming boundary and the two ...



This tutorial explains all the steps to simulate the 2-dimensional beam splitter problem using Electromagnetic Waves Frequency Domain physics in COMSOL Multiphysics.



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The app automatically calculates the phase expressions necessary for the Electromagnetic Waves, Beam Envelopes interface, when the user changes the design parameters.



Create an easy-to-use simulation app to efficiently analyze and optimize a polarizing beam splitter. Find inspiration with our example.



In this page, you can find some useful files such as templates, user guidelines, example models for Comsol.



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One way of making a splitter is to deposit a thin layer of metal between two glass prisms. The beam is slightly attenuated within the layer and then split into two paths.

Contact Us

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