

Simulation Parameter <

3D Chart

2D Chart

Task Details

Run

1 Warning

Detail

Visibility

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CONFIGURATION

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Grid Specification

Boundary and Symmetry

Shutoff Condition

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STRUCTURES

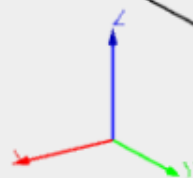
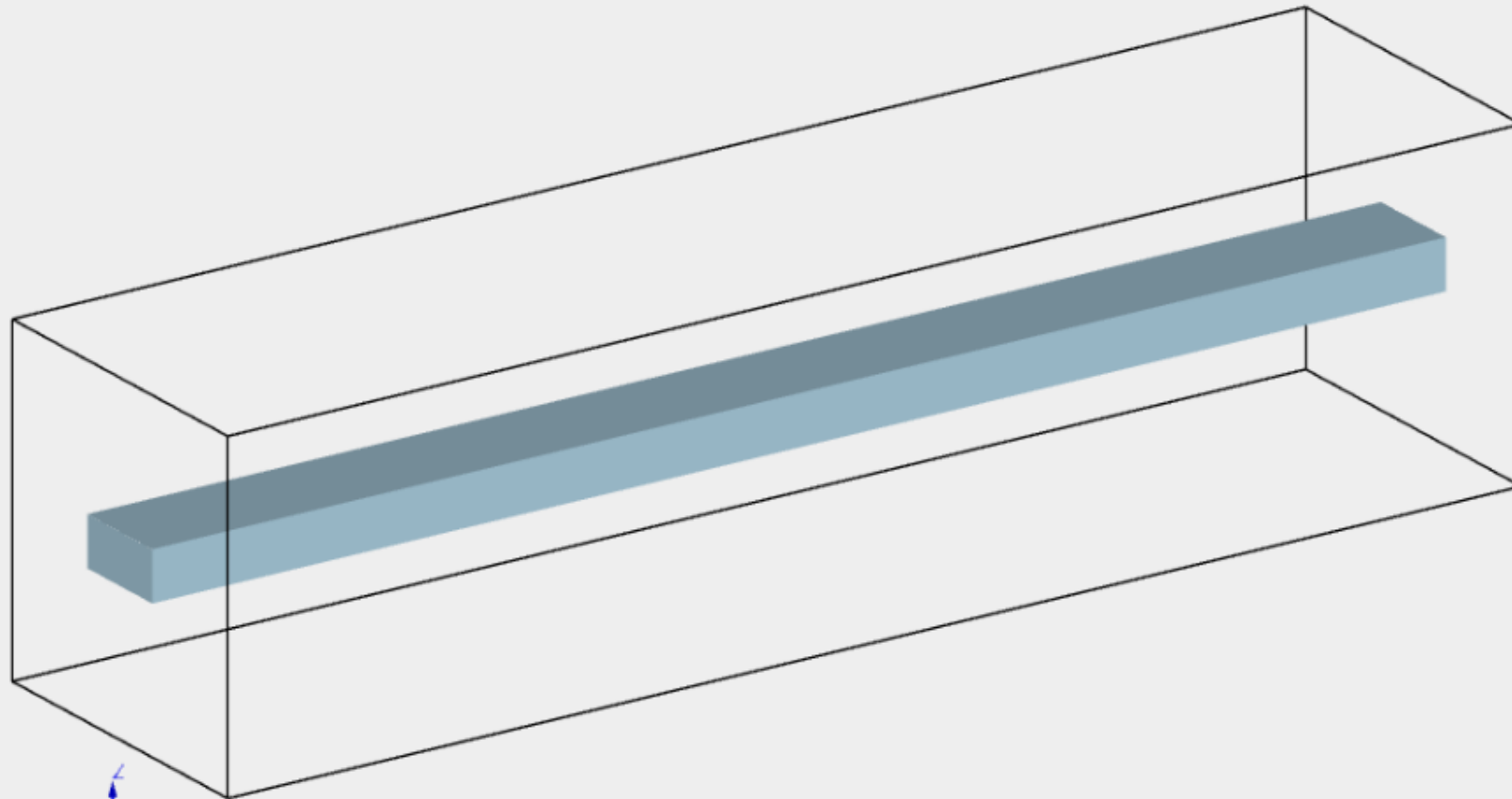
wave_guide

SOURCES

MONITORS

field_xy

SCRIPT OBJECTS



Axes

Ruler

Simulation Domain

Monitors(0/1)

Structures(1/1)

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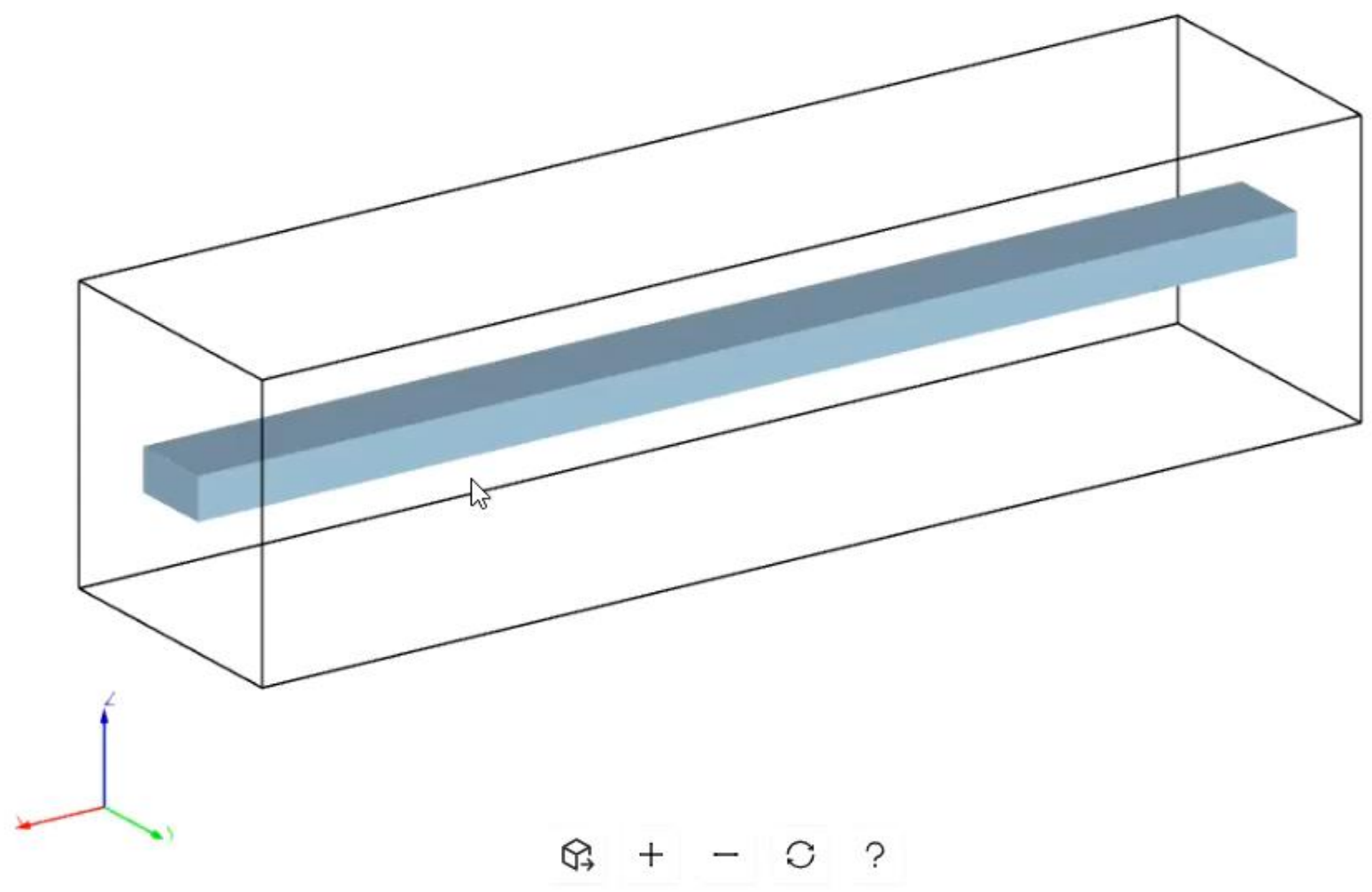
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SCRIPT OBJECTS

Edit Monitor Help

* name

field_xy

* type

FieldMonitor

☒ center + size☐ bounds

center

* size

X 0

 μm

X Infinity

 f_x μm

Y 0

 μm

Y Infinity

 f_x μm

Z 0

 μm

Z 0

 μm

For 1D/2D monitors, set the size of the corresponding dimensions to 0.

fields

Ex x

Ey x

Ez x

Hx x

Hy x

Hz x

*

wavelengths

frequencies

unit:

 μm

Apply

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Axes

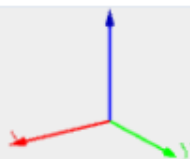
Ruler

Simulation Domain

> Monitors(1/1)

v Structures(1/1)

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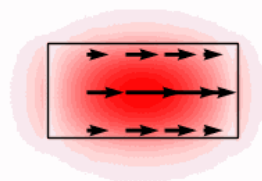
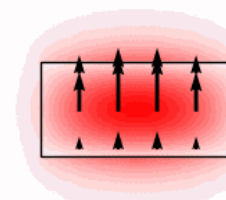
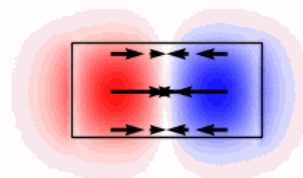
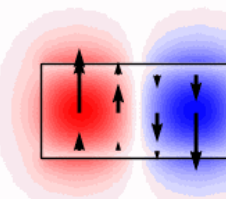
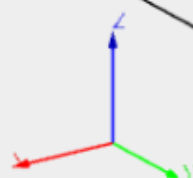
Ruler

Simulation Domain

Monitors (0/1)

Structures (1/1)

wave_guide

Mode 0: TE₀ $n_{\text{eff}} = 1.79$ Mode 1: TM₀ $n_{\text{eff}} = 1.72$ Mode 2: TE₁ $n_{\text{eff}} = 1.58$ Mode 3: TM₁ $n_{\text{eff}} = 1.55$ 

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