High-NA Focusing by Off-Axis Parabolic Mirror

## Abstract



In high-NA focusing situations, the vectorial nature of light starts to play a role. To demonstrate it, a high-NA parabolic mirror is used to focus the input plane wave with linear polarizations in different directions. By using the fast-physical-optics simulation techniques in VirtualLab, the fields in the focal plane can be easily examined and a clear difference between the focal spots due to different input polarizations can be seen.

## Modeling Task



## Results



## Results



## Document Information

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