

Related Links

- Introduction
 - [Specifying object properties with an equation](#)
 - [Spatial \(n,k\) data - Simulation object](#)
 - [Material Database in FDTD and MODE](#)
 - [Using the Material Explorer to view and adjust optical material models](#)
- Material Database
 - [Understanding mesh order for overlapping objects](#)
 - [Standard optical permittivity material models in FDTD](#)
 - [Standard optical conductivity material models in FDTD](#)
 - [Creating new sampled data materials in FDTD](#)
 - [Tips for using the \(n,k\) material model in FDTD](#)

Related Links

- Material Explorer

- [Using the Material Explorer to view and adjust optical material models](#)
- [Overcoming the Multi-wavelength FDTD Challenge](#)
- [Tips for improving the quality of optical material fits](#)

- Advanced Capabilities

- [Creating anisotropic optical materials in FDTD](#)
- [Permittivity Rotation](#)
- [LC Rotation](#)
- [Matrix Transform](#)
- [Grid Attribute Tips](#)
- [np Density and Temperature Index Perturbation](#)
- [Charge distribution to change in refractive index theory](#)
- [Material Plugins: A practical Implementation Demo](#)