

Comparison of Absorption Loss in Metal-Clad Optical Waveguides (Short Papers)

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A comparison of the absorption loss performance of three types of metal-clad slab waveguides is made with the material and waveguide properties standardized. The basic three-layer configuration of the step-index waveguide and two graded-index waveguides is considered the latter two are also considered as two-layer structures. The comparative loss behavior is discussed from the point of view of application in mode and polarization filtering.

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