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REFRACTIVE INDEX OF OPTICAL MATERIALS IN THE INFRARED REGION

 Authors: [A. J. Moses](#); [HUGHES AIRCRAFT CO CULVER CITY CA ELECTRONIC PROPERTIES INFORMATION CENTER](#)

Abstract: Refractive index data and some extinction coefficients are provided for the infrared region for the following materials: silicon, germanium, zinc sulfide, cadmium telluride, zinc selenide, silica, calcium fluoride, magnesium fluoride, **aluminum oxide**, magnesium **oxide**, **aluminum**, gold and silver. The dependence of these optical constants on wavelength, temperature, crystal form, film preparation technique, radiation and other factors is included.

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