

INTERFERENCE FILM OF BLOCKING THE INFRARED RADIATION

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ABSTRACT *This article presents basic information on how to block harmful infrared radiation using optical filters with thin-film coating. Interference structures for efficient blocking of harmful radiation was calculated and analyzed. The construction of new interference optical filters against infrared radiation was compared with currently available filters.*

Keywords: *interference film, infrared radiation, thin film optics methods, infrared protection, eye and face protection*