

SUMMARY

An overview of the use of radiation layers on optical lenses

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Annotation

Nowaday, optical lenses with radiation layers are widely represented in the range of all optical salons. These coverings noticeably improve the quality of optical instruments and therefore increase user comfort. The presented work describes the optical basics of the action of radiation layers on lenses. It is dedicated to optics overview of the use of radiation layers on lenses and its realization prospects. Specifically, presented on optical instruments description of different types of application of irradiation layers and the structure of multilayer radiation coatings. Also quoted lens connector and reinforcer (increase wear resistance), multi-layered irradiation (opens up obstructive reflections) and hydrophobic (protects radiation layers and facilitates its care) receiving coatings general discussion of technologies.