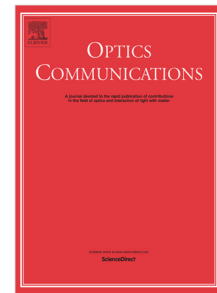


## Accepted Manuscript

Optical reflectivity and spatial mode localization of white-noise random dielectric oxide multilayers

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## Highlights

- . Design of white-noise-like dielectric heterostructures
- . Determination of photonic bandgaps in a lossless electromagnetic region
- . High relative electric field intensity found for some spatially localized modes
- . Analysis of the effect of randomness on the optical properties
- . It is proposed a design **configuration** that guarantees broad omnidirectional reflection

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