

Self-supporting modes of fast destruction of condensed silica based optical fiber under the action of pulsed laser radiation

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The systems used are subject to increased requirements. On the one hand, there is a small transverse area on the other hand there is a large laser radiation power. All tested systems showed the maximum radiation power that can be missed. All the studied light guides were of two types condensed [1–5] and porous light guides [6, 7]. All the light guides were quartz with small additions of metal oxides.

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