

1. Optical fiber communication system based on an ultrahigh-Q packaged fused silica microrod

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Abstract: We generate a low-threshold Kerr optical frequency comb in the 2.2×10^9 quality factor packaged microrod resonator and implement coherent optical communication with transmission rates of 500 Gb/s and bit error ratios of 10^{-7} © Optica Publishing Group 2024

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