

Quasi-single-mode homogeneous 31-core fibre - DTU Orbit (08/11/2017)

Quasi-single-mode homogeneous 31-core fibre

A homogeneous 31-core fibre with a cladding diameter of 230 μm for quasi-single-mode transmission is designed and fabricated. LP01-crosstalk of -38.4 dB/11 km at 1550 nm is achieved by using few-mode trench-assisted cores.

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