Design and Performance Evaluation of an OPC Device Using a Dual-Pump Polarization-Independent FOPA - DTU Orbit (04/02/2019)

The performance of a polarization-independent fiber-based optical parametric amplifier is experimentally investigated in terms of amplification and wavelength conversion for optical phase conjugation applications using 5×28-GBd PDM 16-QAM signals. Good conjugated signal quality up to 13-dB gain is obtained.

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