

## Phase Noise Tolerant QPSK Receiver Using Phase Sensitive Wavelength Conversion - DTU Orbit (09/11/2017)

### Phase Noise Tolerant QPSK Receiver Using Phase Sensitive Wavelength Conversion

A novel QPSK receiver based on a phase noise reduction pre-stage exploiting PSA in a HNLF and balanced detection is presented. Receiver sensitivity improvement over a conventional balanced receiver is demonstrated.

#### General information

State: Published

Organisations: Department of Photonics Engineering, High-Speed Optical Communication

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Number of pages: 2

Pages: TuS2-5

Publication date: 2013

#### Host publication information

Title of host publication: 2013 18th OptoElectronics and Communications Conference held jointly with 2013 International Conference on Photonics in Switching (OECC/PS)

Publisher: IEEE

Main Research Area: Technical/natural sciences

Conference: 18th OptoElectronics and Communications Conference (OECC 2013), Kyoto, Japan, 30/06/2013 - 30/06/2013

Source: dtu

Source-ID: n::oai:DTIC-ART:iel/392313295::32077

Publication: Research - peer-review › Article in proceedings – Annual report year: 2013