Experimental Demonstration of Optical Switching of Tbit/s Data Packets for High Capacity Short-Range Networks - DTU Orbit (02/12/2018)

**Experimental Demonstration of Optical Switching of Tbit/s Data Packets for High Capacity Short-Range Networks**

Record-high 1.28-Tbit/s optical data packets are experimentally switched in the optical domain using a LiNbO3 switch. An in-band notch-filter labeling scheme scalable to 65,536 labels is employed and a 3-km transmission distance is demonstrated.

**General information**

State: Published
Organisations: Department of Photonics Engineering, High-Speed Optical Communication
Number of pages: 2
Publication date: 2015

**Host publication information**

Title of host publication: Proceedings of 2015 Conference on Lasers and Electro-Optics (CLEO)
Publisher: IEEE
Article number: SW3M.5
ISBN (Print): 978-1-55752-968-8
DOIs: 10.1364/CLEO_SI.2015.SW3M.5

**Bibliographical note**

From the session: Space-Division Multiplexing (SW3M)
Source: PublicationPreSubmission
Source-ID: 112474324
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015