



SOA AND RSOA BASED FULL-DUPLEX DWDM TRANSMISSION SYSTEM

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ABSTRACT

Due to rapid increases of the on-demand services a bidirectional DWDM transport system employing SOA and RSOA is proposed and demonstrated. Brilliant performances of BER were achieved for both down/up-link transmissions over a 100-km SMF.

KEYWORDS: DWDM, RSOA, SOA