Phase Modulation for postcompensation of dispersion in 160-Gb/s systems

Tunable postcompensation of second-order dispersion by sinusoidal phase modulation is realized for a 160-Gb/s optical transmission system. Accumulated dispersions with magnitudes up to 4 ps/nm are compensated in the receiver end.

General information
State: Published
Organisations: Department of Photonics Engineering, High-Speed Optical Communication
Pages: 498 - 500
Publication date: 2005
Peer-reviewed: Yes

Publication information
Journal: IEEE Photonics Technology Letters
Volume: 17
Issue number: 2
ISSN (Print): 1041-1135
Ratings:
BFI (2018): BFI-level 2
Web of Science (2018): Indexed yes
BFI (2017): BFI-level 2
Scopus rating (2017): CiteScore 2.84 SJR 0.961 SNIP 1.25
Web of Science (2017): Impact factor 2.446
Web of Science (2017): Indexed yes
BFI (2016): BFI-level 2
Scopus rating (2016): CiteScore 2.52 SJR 0.989 SNIP 1.224
Web of Science (2016): Impact factor 2.375
Web of Science (2016): Indexed yes
BFI (2015): BFI-level 2
Scopus rating (2015): CiteScore 2.62 SJR 1.19 SNIP 1.266
Web of Science (2015): Impact factor 1.945
Web of Science (2015): Indexed yes
BFI (2014): BFI-level 2
Scopus rating (2014): CiteScore 2.78 SJR 1.421 SNIP 1.583
Web of Science (2014): Impact factor 2.11
Web of Science (2014): Indexed yes
BFI (2013): BFI-level 2
Scopus rating (2013): CiteScore 2.95 SJR 1.495 SNIP 1.548
Web of Science (2013): Impact factor 2.176
ISI indexed (2013): ISI indexed yes
Web of Science (2013): Indexed yes
BFI (2012): BFI-level 2
Scopus rating (2012): CiteScore 2.46 SJR 1.647 SNIP 1.694
Web of Science (2012): Impact factor 2.038
ISI indexed (2012): ISI indexed yes
Web of Science (2012): Indexed yes
BFI (2011): BFI-level 2
Scopus rating (2011): CiteScore 2.48 SJR 1.539 SNIP 2.04
Web of Science (2011): Impact factor 2.191
ISI indexed (2011): ISI indexed yes
Web of Science (2011): Indexed yes
BFI (2010): BFI-level 2
Scopus rating (2010): SJR 1.457 SNIP 1.678
Web of Science (2010): Impact factor 1.989