

## Techniques and performance of intensity-modulation direct-detection analog optical links

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*C. Cox, E. Ackerman, R. Helkey and G.E. Betts. "Techniques and performance of intensity-modulation direct-detection analog optical links." 1997 Transactions on Microwave Theory and Techniques 45.8 (Aug. 1997, Part II [T-MTT]): 1375-1383.*

We review state-of-the-art intensity-modulation direct-detection (IMDD) analog optical links, focusing on advances since 1990. We contrast direct and external modulation with respect to gain, noise figure, and dynamic-range performance.

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