

# Abstracts

## Balanced Cascaded Optical Intensity Modulator Links for Frequency Multiplexing and Mixing

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*Y. Nakasuga, K. Horikawa and H. Ogawa. "Balanced Cascaded Optical Intensity Modulator Links for Frequency Multiplexing and Mixing." 1994 MTT-S International Microwave Symposium Digest 94.1 (1994 Vol. 1 [MWSYM]): 495-498.*

A balanced cascaded optical intensity modulator (COIM) link that uses two pairs of cascaded EOM-EOMs or LD-EOMs, two photo detectors and hybrid circuits is proposed for frequency multiplexing and mixing. The COIM link has the potential for broad bandwidth and low loss transmission. Moreover, this link can be applied to expand fiber optic link networks in a simple manner.

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