

Abstracts

Linearized optical directional-coupler modulators for analog rf/microwave transmission systems

C. Lalieu, Xiaobo Zhang and A. Gopinath. "Linearized optical directional-coupler modulators for analog rf/microwave transmission systems." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1829-1832.

Optical directional-coupler modulators with high linearity in their response function have been synthesized, designed, fabricated and tested. The results show low harmonic distortion levels, which indicated that the modulators exhibit highly linear behavior as desired.

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