

Abstracts

Signal and Noise Analysis of External Modulation Fiber Optic Link with Optical Component and Arbitrary Lossless Matching Circuits

E.I. Ackerman, J.L. Prince and J.A. MacDonald. "Signal and Noise Analysis of External Modulation Fiber Optic Link with Optical Component and Arbitrary Lossless Matching Circuits." 1995 MTT-S International Microwave Symposium Digest 95.3 (1995 Vol. III [MWSYM]): 1173-1176.

We present and experimentally verify a general analytical signal and noise model for an external modulation fiber optic link that includes an optical component with gain or loss, and arbitrary lossless matching circuits at the input and output.

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