

Abstracts

High Signal to Noise Operation of Fiber Optic Links to 18 GHz

H. Blanvelt and K. Lau. "High Signal to Noise Operation of Fiber Optic Links to 18 GHz." 1988 MTT-S International Microwave Symposium Digest 88.2 (1988 Vol. II [MWSYM]): 979-981.

Very high signal to noise ratio transmission through a fiber optic link has been demonstrated for frequencies up to 18 GHz. To achieve this required good laser and photodiode frequency response, high laser and photodiode efficiency, low optical reflections, and a laser with good low frequency noise characteristics.

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