

Abstracts

Optical Technology for Microwave Applications

H.-w. Yen. "Optical Technology for Microwave Applications." 1986 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 86.1 (1986 [MCS]): 33-34.

Phased array radar, communication, telemetry, and electronic warfare systems frequently require the transmission and processing of gigahertz bandwidth signals. In airborne and space applications, where low weight and immunity from electromagnetic interference are desirable, low loss optical fibers with band-width distance products as great as 100 GHz · km are an ideal vehicle for the transmission of these broadband microwave signals.

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