

# Abstracts

## Recent Efforts on Planar Components for Active Quasi-Optical Applications

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*K.D. Stephan and T. Itoh. "Recent Efforts on Planar Components for Active Quasi-Optical Applications." 1990 MTT-S International Microwave Symposium Digest 90.3 (1990 Vol. III [MWSYM]): 1205-1208.*

Quasi-optical components are coming to the aid of microwave circuit designers who are seeking smaller size, fewer parts, and higher efficiency. Several novel sources and receiving mixers using both diodes and FETs have been developed, and are discussed in the framework of isotropic conversion loss or gain, quantities that were developed to measure the unique properties of these components.

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