

Abstracts

An L-Band, High Baud-Rate DCPSK Detector/AFC Discriminator in Microstrip

H.F. Lenzing. "An L-Band, High Baud-Rate DCPSK Detector/AFC Discriminator in Microstrip." 1972 G-MTT International Microwave Symposium Digest of Technical Papers 72.1 (1972 [MWSYM]): 201-203.

A DCPSK detector/AFC discriminator circuit designed for a proposed millimeter-wave waveguide transmission system is described. The circuit operates at the system IF, 1.404 GHz. The baud rate is 280.8 Megabits/s. The circuit is built in microstrip on alumina substrates.

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