Abstracts

A New Type of Optoelectronic Millimeter-Wave Finline Switches (1992 Vol. I [MWSYM])

X. De-ming, S. Lie-pu and W. Ke-qin. "A New Type of Optoelectronic Millimeter-Wave Finline Switches (1992 Vol. I [MWSYM])." 1992 MTT-S International Microwave Symposium Digest 92.1 (1992 Vol. I [MWSYM]): 361-364.

A new type of millimeter-wave finline switches constructed on telfon substrates is proposed, which can be easily fabricated and mounted. The experiment results are reported, which show 1.6 dB insertion loss and 23.4 dB on/off ratio have been reached. Because of its good compatibility with the conventional finline structures, it may have a wild application field, especially in the hybrid integrated millimeter-wave circuits.

❑ Return to main document.