

Abstracts

Waveguide-to-Coupled Fin-Line Transition in Ka Band

*J. de Mingo, A. Moliner and A. Comeron. "Waveguide-to-Coupled Fin-Line Transition in Ka Band." 1996 *Microwave and Guided Wave Letters* 6.10 (Oct. 1996 [MGWL]): 363-365.*

A new broad-band transition from waveguide-to-coupled fin-line in its quasi-TEM mode is presented. The transition is proposed for low-noise amplifiers or low-noise converters in millimeter-wave bands. Experimental results on the Ka band show a 1 dB insertion loss for a back-to-back double transition over a 10 GHz band.

[Return to main document.](#)