

# Abstracts

## A Low-Loss Launcher for the Beam Waveguide

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*R.J. Chaffin and J.B. Beyer. "A Low-Loss Launcher for the Beam Waveguide." 1964*

*Transactions on Microwave Theory and Techniques 12.5 (Sep. 1964 [T-MTT]): 555-555.*

The beam waveguide shows great potential for providing an extremely low-loss method of guiding millimeter and submillimeter waves. However, the low-loss mode in the beam waveguide differs considerably in form from the fundamental modes of metal waveguides. This leads to the problem of finding an efficient way to couple from the metal waveguide to the beam waveguide or between the metal waveguide and devices such as resonators utilizing beam waveguide modes.

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