

Abstracts

The Analogy of Beam Waveguides to Electric Transmission Lines (Correspondence)

J.C. Daly. "The Analogy of Beam Waveguides to Electric Transmission Lines (Correspondence)." 1970 *Transactions on Microwave Theory and Techniques* 18.9 (Sep. 1970 [T-MTT]): 657-658.

The propagation of beams in optical waveguide is presented in a manner that allows beam trajectories and mode parameters to be calculated using the classical transmission-line equations. Transmission-line impedance-matching techniques are applied to mode matching in optical systems.

[Return to main document.](#)