

Abstracts

Session 22 Introduction (1984 [MWSYM])

D. Kajfez. "Session 22 Introduction (1984 [MWSYM])." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 495-496.

In the conventional microwave range of centimeter wavelengths, the transmission of energy with the lowest amount of attenuation is achieved by using hollow metal waveguides. At much higher end of the electromagnetic spectrum, at optical frequencies, the lowest attenuation is achieved by using the dielectric fibers. At millimeter wavelengths, both metal and dielectric waveguides can be used. Nevertheless, much of the research effort in this area is presently concentrated on the dielectric waveguides.

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