

# Abstracts

## A Comparison of Four Overmoded Canonical Narrow Bandpass Filters at 12 GHz

---

*E.L. Griffin and F.A. Young. "A Comparison of Four Overmoded Canonical Narrow Bandpass Filters at 12 GHz." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 47-49.*

The relative merits of four waveguide modes, square TE<sub>103</sub> and TE<sub>105</sub> and cylindrical TE<sub>113</sub> and TE<sub>011</sub>, in constructing small, lightweight, low loss, narrow bandpass canonical filters for use at 12 GHz and above are presented in this paper. The TE<sub>113</sub> mode is the choice of the present study.

[Return to main document.](#)