

Abstracts

Realization of Dual-Mode Longitudinal Filters with Arbitrary Polarization of Input and Output Ports

J. Frenna. "Realization of Dual-Mode Longitudinal Filters with Arbitrary Polarization of Input and Output Ports." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 253-256.

This paper describes the synthesis techniques and experimental verification for the realization of dual-mode longitudinal filters with arbitrary polarization of input and output ports. This represents a generalization of the synthesis procedure and offers the possibility of different physical form factors in the implementation of filters and multiplexing networks for satellite systems.

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