

Abstracts

An Exact Design Technique for a Type of Maximally-Flat Quarter-Wave-Coupled Band Pass Filter

W.W. Mumford. "An Exact Design Technique for a Type of Maximally-Flat Quarter-Wave-Coupled Band Pass Filter." 1963 PTGMTT National Symposium Program and Digest 63.1 (1963 [MWSYM]): 57-62.

Consider the filter configuration consisting of a number of shorted quarter wave stubs spaced a quarter wavelength apart on an otherwise uniform transmission line. What tapering of the characteristic impedances of the stubs will yield a maximally-flat transmission characteristic?

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