

# Abstracts

## The Network Representation and the Unloaded Q for a Quasi-Optical Bandpass Filter

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*M.H. Chen. "The Network Representation and the Unloaded Q for a Quasi-Optical Bandpass Filter." 1979 Transactions on Microwave Theory and Techniques 27.4 (Apr. 1979 [T-MTT]): 357-360.*

A simplified equivalent network for a quasi-optical bandpass filter consisting of several wire-grid polarizers has been developed based upon the concept of local coordinates. Various modes of loss are evaluated, and the equivalent unloaded Q is computed.

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