

# Abstracts

## Short-Step-Stub Chebyshev Transformers Impedance

---

*P.W. Van der Walt. "Short-Step-Stub Chebyshev Transformers Impedance." 1986 Transactions on Microwave Theory and Techniques 34.8 (Aug. 1986 [T-MTT]): 863-868.*

A transfer function for short-step impedance transforming filters consisting of short cascaded TEM transmission-line sections and at least one commensurate length open-circuit stub is described. Element values are given for a particular family of octave-bandwidth short-step transformers that are much more compact than existing short-step transformers.

[Return to main document.](#)