

# Abstracts

## A Low Cost Lithium Ferrite Phase Shifter

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*D.A. Charlton. "A Low Cost Lithium Ferrite Phase Shifter." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 98-100.*

Low cost construction techniques for twin slab ferrite phase shifters are presented along with an experimental comparison of garnet and lithium ferrite materials. A 3-bit phase shifter with lithium ferrite material which is approximately half the price of garnet material had a measured loss of 0.4 dB and a peak power handling of 4.5 kW.

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