

Abstracts

Tables for Asymmetric Chebyshev High-Pass TEM-Mode Directional Couplers

F. Arndt. "Tables for Asymmetric Chebyshev High-Pass TEM-Mode Directional Couplers." 1970 Transactions on Microwave Theory and Techniques 18.9 (Sep. 1970 [T-MTT]): 633-638.

Tables are presented for the design of asymmetric nonuniform-coupled transmission-line directional couplers, having a high-pass Chebyshev equal-ripple coupling response. The coefficients of the continuously tapered coupling factor represented as a polynomial of sixth order are tabulated for mean couplings of -3, -6, -8.34, -10, and -20 dB and for a given ripple of the high-pass coupling response.

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