

Title (en)  
HIGH-FREQUENCY IMPEDANCE TRANSFORMER

Title (de)  
HOCHFREQUENZ-IMPEDANZWANDLER

Title (fr)  
TRANSFORMATEUR D'IMPEDANCE A HAUTE FREQUENCE

Publication  
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Application  
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Abstract (en)  
[origin: US5774026A] PCT No. PCT/FR95/00836 Sec. 371 Date Jan. 7, 1997 Sec. 102(e) Date Jan. 7, 1997 PCT Filed Jun. 22, 1995 PCT Pub. No. WO96/02073 PCT Pub. Date Jan. 25, 1996A coupling and matching device for high frequency or microwave signal transmission includes two line sections (9, 10) with parallel, weakly coupled portions (9', 10'), where the primary section (9) forms a short circuit and is connected to a relatively low output impedance device while the secondary section (10) is connected to a relatively high input impedance device. The coupling and matching device also includes a ground plane parallel to the secondary line section (10), and a member (12) for varying the difference between the secondary line section and the ground plane.

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