

Title (en)  
STRIPLINE DIRECTIONAL COUPLER HAVING A WIDE COUPLING GAP

Title (de)  
RICHTKOPPLER IN STREIFENLEITERTECHNIK MIT BREITEM KOPPELSPALT

Title (fr)  
COUPLEUR DIRECTIONNEL A ESPACE DE COUPLAGE IMPORTANT

Publication  
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Application  
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Abstract (en)  
[origin: WO2005064740A1] The invention relates to a stripline directional coupler having two coupling lines that are galvanically separated with respect to a ground layer applied to a ground potential. Said coupler has an especially multilayer line structure comprising three metal layers separated by at least two dielectric insulating layers. A first metal layer presents the coupling line and a second of the at least three metal layer has a line structure that is galvanically separated from the at least two other metal layers. Said line structure forms minute series-connected capacitors between the at least three metal layers.

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**H01P 5/18** (2006.01)

CPC (source: EP US)  
**H01P 5/185** (2013.01 - EP US); **H01P 5/187** (2013.01 - EP US)

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