

Abstracts

Application of the CFS PML to the absorption of evanescent waves in waveguides

J.-P. Berenger. "Application of the CFS PML to the absorption of evanescent waves in waveguides." 2002 Microwave and Wireless Components Letters 12.6 (Jun. 2002 [MWCL]): 218-220.

The author shows that the complex frequency shifted PML (CFS PML) can be optimized in view of absorbing both the evanescent and traveling waves at the end of waveguiding structures. Numerical results are provided to illustrate the effectiveness of the optimized CFS PML in FDTD computations.

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