

Abstracts

Zero reflection coefficient in discretized PML

J.S. Juntunen, N.V. Kantartzis and T.D. Tsiboukis. "Zero reflection coefficient in discretized PML." 2001 Microwave and Wireless Components Letters 11.4 (Apr. 2001 [MWCL]): 155-157.

In this paper we present a closed-form reflection coefficient for the perfectly matched layer (PML), when realized using the finite-difference time-domain (FDTD) algorithm. Examining the reflection coefficient, it is found that zero reflection can be obtained for isolated pairs of frequency and angle of incidence.

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