

Analysis of Double Groove Guide Coupling Structures Using Domain Bases EW--BIEM

J. Ma, B. Li and H. Yang. "Analysis of Double Groove Guide Coupling Structures Using Domain Bases EW--BIEM." 1995 Microwave and Guided Wave Letters 5.11 (Nov. 1995 [MGWL]): 396-398.

Double groove guide structures can be used to realize the coupling between groove guides of different kinds. In this letter, a novel method for studying these structures is introduced. The calculation model developed from eigen-weighted boundary integral equation method is given and applied to analyze double circular groove guide and circular-rectangular double groove guide. The numerical results are obtained and discussed.

 [Return to main document.](#)