

Abstracts

Minimization of microwave reflections from EC-coated glass slabs

P. Hui, E.H. Lim and H.S. Tan. "Minimization of microwave reflections from EC-coated glass slabs." 1998 Microwave and Guided Wave Letters 8.11 (Nov. 1998 [MGWL]): 363-365.

This study reports measurements and analysis of microwave reflections from the uncoated surfaces of glass slabs coated with electrically conductive (EC) films. The results show that these reflections can be minimized by varying the sheet resistance of the EC films. General design formulas to calculate such optimizing sheet resistance are given.

 [Return to main document.](#)