

Abstracts

Plane Wave Excitation of an Infinite Dielectric Rod (Comments) (Jul. 1995 [MGWL])

M. Le Blanc and G. Y. Delisle. "Plane Wave Excitation of an Infinite Dielectric Rod (Comments) (Jul. 1995 [MGWL])." 1995 Microwave and Guided Wave Letters 5.7 (Jul. 1995 [MGWL]): 233-234.

In the above letter, Keam provides analytical expressions for the fields inside and outside a lossy, circular cylindrical dielectric rod illuminated by a normally incident plane wave. The author is to be commended for noting the usefulness of analytical methods in studying such problems. However, it appears that a number of important references have been left out and, more seriously, that the computational results are in error. It is the purpose of this letter to correct these deficiencies.

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