

Abstracts

A Note on the Phase Velocity in Continuously Loaded Coaxial Cables (Correspondence)

D.B. Large. "A Note on the Phase Velocity in Continuously Loaded Coaxial Cables (Correspondence)." 1965 Transactions on Microwave Theory and Techniques 13.2 (Mar. 1965 [T-MTT]): 243-243.

The loaded coaxial cable pictured in Fig. 1 has been analyzed from a transmission line viewpoint by Prache and Raisbeck. This approach involves finding the equivalent (static) inductance L and capacitance C per unit length of line and equating the dominant-mode phase velocity to $(LC)^{1/2}$.

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