

Abstracts

Slotted and Loose Braid Cables: Brief Conclusions of a Comparative Study (Short Papers)

A.S. De Carvalho Fernandes. "Slotted and Loose Braid Cables: Brief Conclusions of a Comparative Study (Short Papers)." 1981 *Transactions on Microwave Theory and Techniques* 29.3 (Mar. 1981 [T-MTT]): 273-275.

An analytical comparison is made of the electromagnetic characteristics of the coaxial mode of longitudinally slotted coaxial cables and loose braid coaxial cables in free space. Four aspects are considered: radial decay of the fields, percentage of power that travels outside the coaxial structure, characteristic impedance, and conductor loss.

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