

CALCULATION OF WAVEGUIDE LOADED CAVITY

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ABSTRACT

In the paper, a new equivalent circuit method to analyse waveguide loaded cavity is developed. The simulating Slater phase tuning curve method is also introduced. A structure of waveguide cavity loaded waveguide is calculated by both methods.

Key words Waveguide loaded cavity Detuned short/open plate Coupling coefficient Slater tuning curve MAFIA code

电子仪器厂 3 种新产品通过国家标准检验

中国原子能科学研究院电子仪器厂电子技术应用研究室开发的 3 种产品——JTY-GD-771A、JTY-GD-971 两种点型光电感烟火灾探测器和 JTW-BCD-956 点型电子差定温火灾探测器,日前一次性通过国家消防电子产品质量监督检验中心的检测。新开发的 JTY-GD-771A 点型光电感烟火灾探测器是在 JTY-GD-771 的基础上发展起来的四总线地址编码低功耗点型光电感烟火灾探测器,它在外观造型和降低功耗方面均有较大的改善。JTY-GD-971 点型光电感烟火灾探测器和 JTW-BCD-956 点型电子差定温火灾探测器是二总线火灾自动报警控制系统的 2 种新型地址编码火灾探测器,这 2 种探测器具有报警准确性高、功耗低、外观美和抗长线干扰影响等优点。

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