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High Power Gysel Combiner Circuit design of Parallel plate structure

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The Parallel Plate RF Power Combiner consists of 2 copper palates and has a gap between 2 Plate

Summary

The recent development of semiconductor technology has proved that solid-state RF amplifier is a quite effective alternative high power RF source for numerous accelerator applications.

when high Power RF source supply cavity, high power combiner is required to combine a lot of solid-state RF amplifier

The parallel plate RF power combiner, Which was designed to combine various high power module is under Development for Rare Isotope Science Project(RISP)

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