

# Comparison of Anti-Signal Performance and Reliability of Optical Power Dividers

This manuscript aims to discuss a comparative investigation on designing power dividers for 5G applications. T-junction Power Divider, Branch line coupler, and Wilkinson Power divider are ...

Table 3 lists some reported power dividers and the proposed contribution for performance comparisons.

In this paper, a multi-functional balanced-to-single-ended reflectionless filtering power divider (BTSE-RFPD) with excellent performance is proposed. One pair of compact unequal-width ...

This paper presents a comparative analysis of various micro-strip power dividers, including 2-way and 3-way Wilkinson Power Dividers (WPD) and 2-way Gysel ...

A novel composite transmission line based reconfigurable power divider with high power division ratio, variable negative group delay, and lower characteristic impedance is presented in this...

By adopting the even-/odd-mode analysis method to flexibly control the resonant modes of the designed resonator and select isolation resistances, both single- and dual-band four-way ...

This research area addresses novel design techniques and transmission line structures utilized to extend the operational bandwidth of power dividers while maintaining or enhancing isolation between ...

Abstract: This research outlines the conception and analysis of two Filtering Power Divider (FPD) models, essential in efficacious RF/microwave applications .

This article provides the fundamentals of three commonly used types of RF power divider/combiners: resistive, hybrid, and Wilkinson, using examples from Susumu, Anaren, MACOM, ...

This paper presents a comparative analysis of various micro-strip power dividers, including 2-way and 3-way Wilkinson Power Dividers (WPD) and 2-way Gysel Power Dividers (GPD), focusing on their ...

Doing this with minimal loss and good signal integrity is a challenge. In this article we explain how power splitters work and what the tradeoffs are to common types.



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