

# Adjustable attenuators in the microwave band

## Preview

Adjustable RF attenuators use resistive networks to enhance signal loss manually or electrically. Precision versions include sensitivity of 0. Unlike their fixed peers, variable attenuators can be changed dynamically, which lets technical teams fine-tune. Variable attenuators from Fairview Microwave have 7 dB to 90 dB maximum attenuation and frequency maximums between 2 GHz and 18 GHz depending on the model. They are used for AGC loops and test fixtures, specified by range, flatness, insertion loss, and power handling. Variable Attenuators from the leading. Analog Devices' RF attenuators are available in a broad range of architectures and form factors, giving designers the flexibility to select a part that best aligns with their system requirements.

Voltage Variable Attenuators (VVA) from MACOM offer the ability to control the attenuation level relative to a voltage. Attenuation

Pasternack carries a huge selection of microwave parts, RF parts, cables, connectors, modulators, adapters, attenuators plus much

Types of Attenuators From the key functional perspective, attenuators can be classified as fixed attenuators with an unchanging level

Flann Precision Rotary Vane Attenuators are considered by many to represent the "Industry Standard" in

Engineered for microwave and millimeter-wave applications, these calibrated attenuators provide

Low- to medium-power devices utilize high density shaped microwave absorbing elements, permanently attached to a standard

It may provide a fixed or variable/adjustable attenuation depending upon control voltage or current. Fixed attenuators

RF attenuators are widely used in radio frequency and microwave test field, especially adjustable attenuators

Variable RF Attenuator: Offers a variable amount of attenuation, adjustable either manually or through programming. Based on

Discover everything about RF and voltage variable attenuators, including their range,

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We provide high-quality attenuators designed to deliver reliable signal management and performance across RF and microwave

Kratos General Microwave balanced attenuators cover the frequency range of 0.5 to 50.0 GHz. ARRAY ATTENUATOR With the

The VSWR of the fixed attenuators is less than 1.10:1 over a 10% band. The variable units exhibit a 1.15:1 maximum VSWR. When

Mini-Circuits is a global leader in the design and manufacturing of RF, IF, and microwave components from DC to 86GHz.

Select Fairview Microwave's RF Variable Attenuators from over 1 million in-stock rf and microwave products with same-day shipping.

Explore the function, types, applications, and specifications of microwave attenuators - an

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