

## Is the adjustable attenuator bidirectional



### Overview

It is capable of bi-directional operation up to 50 GHz and is thus perfectly suited for 64 Gbps data signals. The attenuation values can be set by our easy to use software SHF SCC or by any self-programmed script for automated measurements. 1 dB within a 22 dB dynamic range. Engineers working in RF and high-speed communication test and measurement have the need to fine adjust signal levels to fit exactly the requirements. Up to now, adjusting the Bird's 5 Watt RF Attenuators offer a dependable step up in power handling for RF professionals who demand both performance and durability. Designed with robust convection cooling and full shielding, these attenuators reduce signal levels safely while preventing stray radiation—keeping your systems. These precision attenuators feature positive mechanical stops between steps and offer the industry's widest attenuation range (0 to 99 dB), with frequency coverage through 18 GHz (Ku band) to provide broadband capability for RF applications. This type of component is generally used to balance signal levels in the signal chain, to extend the dynamic range of a system, to provide impedance matching, and to. A directional attenuator functions in one direction only.

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Define adjustable. adjustable synonyms, adjustable pronunciation, adjustable translation, English dictionary definition of adjustable. v. ad·just·ed, ad·just·ing, ad·justs v. tr. 1. a. To move or change ...



ADJUSTABLE definition: 1. able to be changed to suit particular needs: 2. able to be changed to suit particular needs.... Learn more.



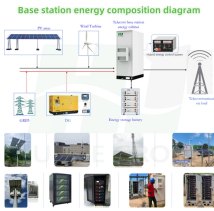
Discover electric standing desks that adapt to your needs. Sit, stand, and switch easily with memory presets for comfort.



A Passive Attenuator is a bidirectional electronic circuit that comes with resistance as the main component. Attenuators are 2-pin resistive circuits that are used for delivering power in the ...



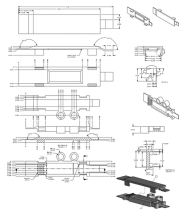
Fixed value attenuators, called “attenuator pads” are used mainly in radio frequency (Rf) transmission lines to lower voltage, dissipate power, or to improve the impedance matching between various ...



Designed with robust convection cooling and full shielding, these attenuators reduce signal levels safely while preventing stray radiation—keeping your systems accurate, your components protected, and ...



From the key functional perspective, attenuators can be classified as fixed attenuators with an unchanging level of attenuation and variable attenuators with an adjustable level of attenuation.



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As the name implies, digital attenuators are controlled with a set of digital (i.e., binary) control lines. As a result, the attenuator can be set to a specific number of discrete values.



The Passive Attenuator is a type of bidirectional circuit made up entirely of resistive elements to reduce the amount of power being delivered to a connected load



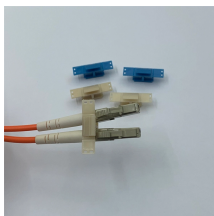
A directional attenuator has a specific input and output connector and will be marked as such. A bi-directional attenuator does not matter which connector is used for input or output.



Learn more about the pros and cons of adjustable beds compared to a standard bed.



Spectrum Control's manual attenuators are available in panel-mount or bench configurations, and each design is bidirectional, enabling exceptional versatility and load control in a compact package.



Depending on its specific application, an attenuator can be designed to be either unidirectional or bidirectional. For symmetric designs, there is no discernible difference between the ...



Definition of adjustable adjective in Oxford Advanced Learner's Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more.



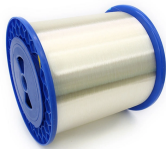
The meaning of ADJUSTABLE is capable of being adjusted. How to use adjustable in a sentence.



Something that's adjustable can be changed or altered so that it works or fits better. A car's adjustable seat can accommodate both very tall and very short drivers.



Something that's adjustable can be changed or altered so that it works or fits better. A car's adjustable seat can accommodate both very tall and very short drivers.



If something is adjustable, it can be changed to different positions or sizes..... Click for pronunciations, examples sentences, video.

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