

Waveguide Variable Attenuator

A waveguide variable attenuator is a passive microwave device used to reduce the power of a signal passing through a waveguide. It operates within a specific frequency range determined by the waveguide dimensions and is designed for integration into larger systems.



Product Overview

Precision Signal Control

This waveguide variable attenuator is a high-quality passive microwave device designed for precise power reduction in signal transmission paths. Featuring a durable rectangular structure, it offers reliable performance for controlling signal levels, protecting sensitive downstream components, or calibrating complex measurement setups. Its integrated adjustment mechanism ensures flexible operation across its specific frequency range.

Technical Specifications

Device Type	Waveguide Variable Attenuator
Passive Component	Yes
Construction Material	Aluminum, Brass
Waveguide Shape	Rectangular

Operational Features

Attenuation Control

- Resistive vane insertion
- Geometry adjustment

Mounting Capability	Yes
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