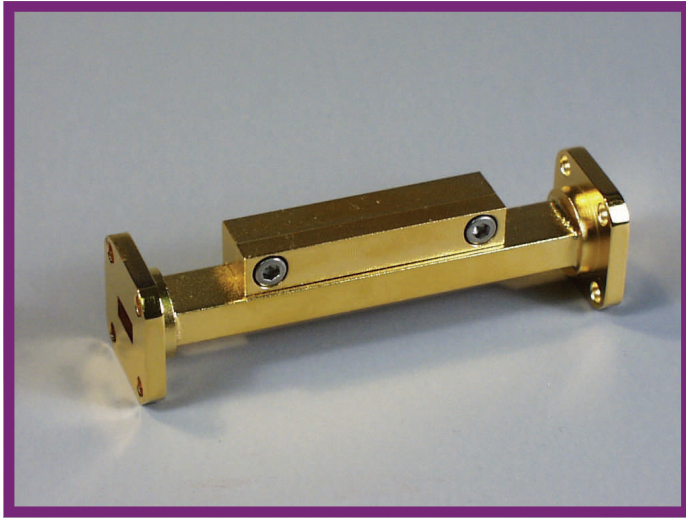


521 Series

Fixed Attenuators



Features

- **Wide Range of Accurately Calibrated Values**
- **Available in Every Waveguide Size from 18.0 to 220 GHz**

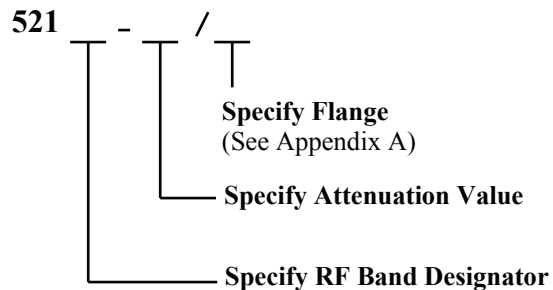
Description 521 Series Attenuators

Mi-Wave's 521 series fixed attenuators are available in attenuation values up to 30 dB for each waveguide band from 18.0 to 220 GHz. Each fixed attenuator is calibrated at the exact frequency specified and is accurate within 0.1 dB or 1%.

Applications

The 521 series fixed attenuators are used in millimeter wave applications that require accurate fixed attenuation levels in waveguide transmission lines. All units are H-plane fixed attenuators. The attenuators are useful for isolating generators from mismatched load effects. They are also used for extending the frequency ranges of power measuring equipment and for accurately reducing signal source output levels.

Ordering Information



Please specify center frequency at time of order.

Mi-Wave

Millimeter Wave Products Inc.

www.miwv.com

2200 Tall Pines Drive, Suite 100

Largo, FL 33771

Tel. (727) 536-0033 Fax. (727) 536-0012

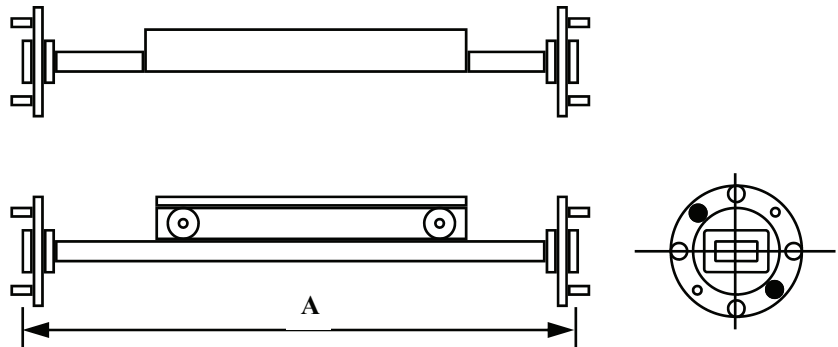
E: sales@miwv.com

521 Series

Fixed Attenuators

Technical Specifications

Model Number	521K	521A	521B	521U	521V	521E	521W	521F	521D	521G
Frequency Band (GHz)	18.0-26.5	26.5-40.0	33.0-50.0	40.0-60.0	50.0-75.0	60.0-90.0	75.0-110.0	90.0-140.0	110.0-170.0	140-220
VSWR Max.	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.20	1.20	1.30
Attenuation Range (dB) Min.	0-30	0-30	0-30	0-30	0-30	0-30	0-30	0-30	0-30	0-30
Average Power (Watts) Max.	1.5	1.0	1.0	1.0	0.6	0.6	0.5	0.3	0.2	0.1
Weight (oz)	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0



Dimensional Specifications

Model No.	A	
	B	
	in	mm
521K	3.00	76.2
521A	2.75	69.9
521B	2.75	69.9
521U	2.75	69.9
521V	2.00	50.8
521E	2.00	50.8
521W	2.00	50.8
521F	2.00	50.8
521D	2.00	50.8
521G	2.00	50.8

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