

Description

Mi-Wave's 521 Series Fixed Attenuators are available in attenuation values up to 30 dB for reach waveguide band from 8 to 220 GHz. Each fixed attenuator is calibrated at the exact frequency specified and is accurate within 0.1 dB or 1%.

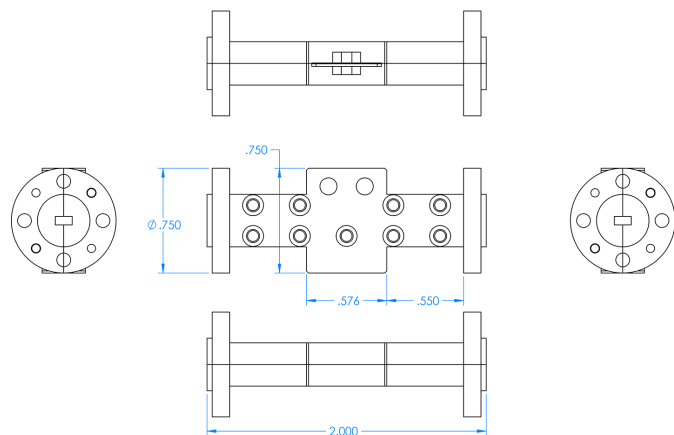
- *Wide Range of Accurately Calibrated Values*
- *Available in Every Waveguide Size from 8 to 325 GHz*

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.



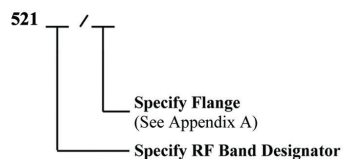
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Dimensional Specifications

Model No.	A	
	in.	mm
521K	3.00	76.2
521A	2.00	50.8
521B	2.00	50.8
521U	2.00	50.8
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

Ordering Information



NOTE:

Please specify center frequency at time of order.

View [Fixed Attenuators](#) Online

Technical Specifications (typical)

Model No.	521K	521A	521B	521U	521V	521E	521W	521F	521D	521G	521H	521J
Frequency Band (GHz)	18–26.5	26.5–40	33–50	40–60	50–75	60–90	75–110	90–140	110–170	140–220	170–260	220–325
VSWR Max.	1.15	1.15	1.15	1.15	1.15	1.15	1.20	1.20	1.20	1.30	1.35	1.35
Average (Low) Power Handling (Watts)	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1	.05	.05
Medium Power Handling (Watts)	5	5	4	3	2	1	1	2	1	0.5	0.1	0.1
High Power Handling (Watts)	**	**	**	**	**	**	**	**	**	**	**	**
Weight (oz)	1.15	10	1.0	1.0	0.5	0.4	0.3	0.2	0.15	0.1	0.1	0.1

** Please Consult For High Power Attenuators