

Variable Attenuators (Waveguide & Coaxial)

FEATURES

- ❖ 0.5-180GHz
- ❖ Characteristic Impedance: 50Ω
- ❖ Low Insertion Loss
- ❖ Good Impedance Matching
- ❖ Economically Priced

APPLICATIONS

- ❖ Test Equipment
- ❖ Subsystems
- ❖ Prototypes



DESCRIPTION:

Variable (level) setting attenuators can have variable IL that range from 0 to 25 dB with full waveguide operational bandwidth. The variable (level) setting attenuators are equipped with a micrometer, which enables rapid re-setting. With calibrated charts, the variable (level) setting attenuators can be used as direct reading attenuator for bench top test set ups. These variable setting attenuators are typically used in test set ups and prototype assemblies where certain attenuation are required.

SPECIFICATIONS

COAXIAL:

Model No.	Frequency Range (GHz)	Attenuation Range (dB)	VSWR (max)	Power (W)	Size L x W x H (mm)	Connector Type
CSAU5042002TY	0.5 - 4.0	*	1.50	2	144.0 x 2.4 x 19.7	N
CSA04182002TY	4.0 - 18.0	1.0 - 20	1.50	2	109.2 x 63.5 X 7.5	SMA
CSA044020U5	4.0 - 40.0	0 - 20	1.50	0.5	-	K-F/M

* ATTENUATION: 7dB@0.5GHz, 20dB@1-1.5GHz, >20dB@2-4GHz
OTHER FREQUENCY BANDS AND ATTENUATION VALUES ARE ALSO AVAILABLE.

WAVEGUIDE:

Model No.	Waveguide Band	Frequency Range (GHz)	Attenuation Range (dB)	VSWR (max)	Power (W)
CSA159040730	WR-159	4.9 - 7.0	0 - 30	1.50	2
CSA90081230	WR-90	8.2 - 12.4	0 - 30	1.50	2
CSA62121830	WR-62	12.4 - 18	0 - 30	1.50	2
CSA51152230	WR-51	15 - 22	0 - 30	1.50	2
CSA42182630	WR-42	18 - 26.5	0 - 30	1.50	1
CSA34223330	WR-34	22 - 33	0 - 30	1.50	1

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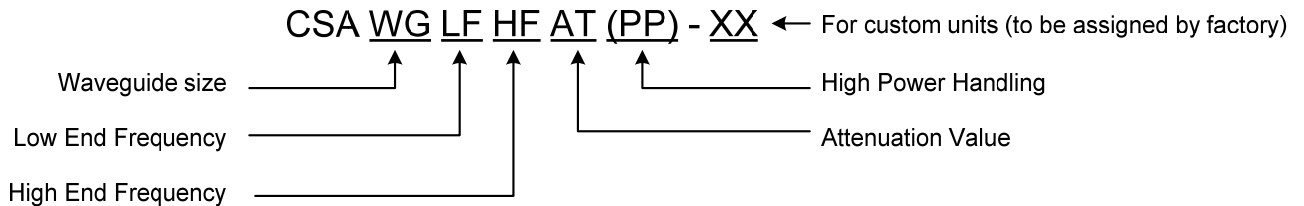
Model No.	Waveguide Band	Frequency Range (GHz)	Attenuation Range (dB)	VSWR (max)	Power (W)
CSA28264030	WR-28	26.5 - 40	0 - 30	1.50	1
CSA22335030	WR-22	33 - 50	0 - 30	1.50	1
CSA19406030	WR-19	40 - 60	0 - 30	1.50	2
CSA15507530	WR-15	50 - 75	0 - 30	1.50	0.75
CSA12609030	WR-12	60 - 90	0 - 30	1.50	0.75
CSA107511030	WR-10	75 - 110	0 - 30	1.50	0.5
CSA089014030	WR-8	90-140	0 - 30	1.50	0.5
CSA0611017030	WR-6	110-170	0 - 30	1.50	0.5

CONTACT FACTORY FOR OTHER ATTENUATION VALUES AND SPECIFICATIONS.

HOW TO ORDER:

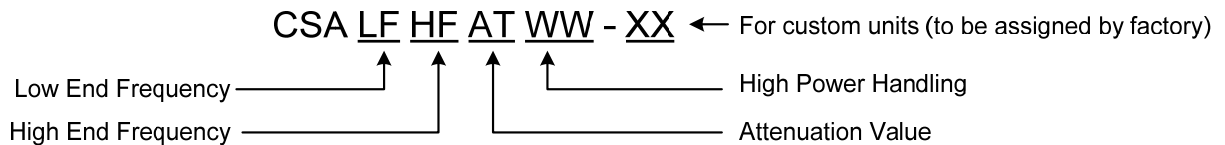
WAVEGUIDE:

Specify Model Number:



COAXIAL:

Specify Model Number:



Example: To order a full band WR-15 variable attenuator with 20 dB attenuation level, specify CSA-15507520 .

CERNEXWAVE RESERVES THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE