

Variable Attenuators



Newly expanded product line, covering low, medium, and high power applications

narda  **MITEQ**

Variable Attenuators



Miniature Variable Attenuators

SMA (F), 0.8 to 18 GHz

Freq. (GHz)	Model	Attenuation (dB min.)	Power Input Average (W max.)	Power Input Peak (kW max.)	VSWR (max.)	Insertion Loss (dB max.)	Frequency Sensitivity (dB)	Max. Weight Oz. (gr.)
0.8-2.5	4790*	20	5	3	1.5	0.5	—	10.6 (300)
4-18	4791	15	5	3	4-11 GHz: 1.5 11-18 GHz: 1.7	1.0	±3.5	5.5 (160)
8-18	4792	30	5	3	8-11 GHz: 1.5 11-18 GHz: 1.7	8-12.4 GHz: 0.5 12.4-18 GHz: 1.0	±3.5	5.5 (160)
12.4-18	4793	30	5	3	1.7	1.0	±2.0	5.5 (160)

3.5mm (F), 7 to 26.5 GHz

7 - 26.5	4796**	15	5	1.4	1.7 ‡	7-12.4 GHz: 0.7 12.4-26.5 GHz: 1.5	±3.0	7.5 (213)
----------	---------------	----	---	-----	-------	---------------------------------------	------	-----------

* Due to the sensitivity of existing dielectric properties, this model does not exhibit flat frequency sensitivity.

** Usable to 33 GHz

‡ Maximum VSWR from 12.4 - 18 GHz is 1.6

Broadband Variable Attenuators

Type N (F), 2 to 12.4 GHz

Freq. (GHz)	Model	Attenuation (dB)	Power Input Average (W max.)	Power Input Peak (kW max.)	VSWR (max.)	Insertion Loss (dB max.)	Frequency Sensitivity (dB)	Max. Weight Oz. (gr.)
2-12.4	787FF*	20	5	3	2-11: 1.5 11-12.4: 1.7	1.0	—	6.1 (170)
4-8	788FF	20	10	5	1.5	0.5	±2.5	16 (454)

* Due to the sensitivity of existing dielectric properties, this model does not exhibit flat frequency sensitivity.

NOTES:

All units are supplied with female input and output connectors.

Type N male connector(s) available on a custom order basis.

High Power Variable Attenuators

Type N (F), 1 to 4 GHz

Freq. (GHz)	Model	Attenuation (dB)	Power Input Average (W max.)	Power Input Peak (kW max.)	VSWR (max.)	Insertion Loss (dB max.)	Frequency Sensitivity* (dB)	Max. Weight Lb. (kg.)
1-2	795	10	500	10	1.5	0.5	—	7 (3.18)
2-4	796	20	500	10	1.5	1.0	—	7 (3.18)

* Due to the sensitivity of existing dielectric properties, this model does not exhibit flat frequency sensitivity.

Visit our website for mechanical dimensions, and information on our other attenuator products.

