

# Variable Attenuators



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

# narda

an  company

# 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	<b>4790*</b>	20	5	3	1.5	0.5	—	10.6 (300)
4-18	<b>4791</b>	15	5	3	4-11 GHz: 1.5 11-18 GHz: 1.7	1.0	±3.5	5.5 (160)
8-18	<b>4792</b>	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	<b>4793</b>	30	5	3	1.7	1.0	±2.0	5.5 (160)

### 3.5mm (F), 7 to 26.5 GHz

7 - 26.5	<b>4796**</b>	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	<b>787FF*</b>	20	5	3	2-11: 1.5 11-12.4: 1.7	1.0	—	6.1 (170)
4-8	<b>788FF</b>	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	<b>795</b>	10	500	10	1.5	0.5	—	7 (3.18)
2-4	<b>796</b>	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.

# narda

an  company

435 Moreland Road, Hauppauge, NY 11788 • Tel : 631.231.1700 • Fax: 631.231.1711 • e-mail : nardaeast@L-3com.com

[www.nardamicrowave.com](http://www.nardamicrowave.com)