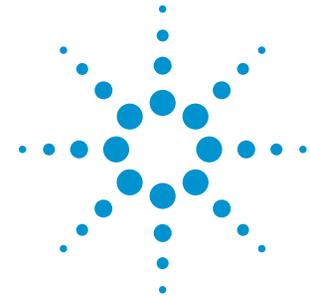


Agilent RF & Microwave Manual Step Attenuators



Agilent manual step attenuators offer fast, precise signal-level control up to 26.5 GHz. Unmatched attenuation repeatability of less than 0.03 dB up to 5 million cycles per section ensures low measurement uncertainty. Attenuation range of 121 dB in 1 dB step can be achieved by cascading 2 attenuators in series.



Manual step attenuators

Key features

- High reliability and exceptional repeatability reduce downtime
- Excellent RF specifications optimize test system measurement capability
- Broad portfolio of attenuation and connector options provide configuration flexibility



Quick Fact Sheet

Agilent RF & Microwave Manual Step Attenuators

Product specifications

Manual step attenuator									
Model	Frequency (GHz)	Attenuation range (dB)	Attenuation step (dB)	Insertion loss (dB) at 0 dB	Maximum SWR	Maximum input average power (W)	Maximum input peak power (W)	Operating life (in million cycles/section)	Repeatability (5 million cycles per section)
8494A	DC to 4	0 to 11	1	0.96	1.50	1	100	5	± 0.03 dB max
8495A	DC to 4	0 to 70	10	0.68	1.35	1	100	5	± 0.03 dB max
8496A	DC to 4	0 to 110	10	0.96	1.50	1	100	5	± 0.03 dB max
8494B	DC to 18	0 to 11	1	2.22	1.90	1	100	5	± 0.03 dB max
8495B	DC to 18	0 to 70	10	1.66	1.70	1	100	5	± 0.03 dB max
8496B	DC to 18	0 to 110	10	2.22	1.90	1	100	5	± 0.03 dB max
8495D	DC to 26.5	0 to 70	10	3.95	2.22	1	100	5	± 0.03 dB max to 18 GHz, ± 0.05 dB max to 26.5 GHz

* All product models listed above offer RF connector options for N(f) / SMA(f) / APC-7 except 8495D which only offers 3.5 mm (f) RF connectors.

Manual step attenuator option

Models	Option type	Option description
	001	N (f)
	002	SMA (f)
8494A/8495A/ 8496A/8494B/ 8495B/8496B/ 8495D	004	3.5 mm (f) ¹
	024	24 Vdc
	011	5 Vdc
	UK6	Commercial calibration test data with certifications

* Each order must include RF connector option.

1. Available with Agilent 8495 only.

For more details on Agilent attenuators and ordering information see the "Agilent RF and Microwave Attenuators", literature number 5989-6948EN

For more information on Agilent amplifiers, please visit www.agilent.com/find/attenuators

Download or order from www.agilent.com/find/mta

To find a distributor in your area, go to www.agilent.com/find/distributors

Recommended service options

Additional two years of Return-to-Agilent warranty
 Additional two years of Return-to-Agilent calibrations
 For more information, go to www.agilent.com/find/removealldoubt

