



Agilent 8494G/H, 8495G/H, 8496G/H Programmable Step Attenuators

Data Sheet



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



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Specifications

Model number	Frequency	Attenuation range (dB)	Attenuation step	Insertion loss (dB) @ 0 dB	Maximum SWR	Max. input average power	Max. input peak power	Operating life (n million cycles/section)	Repeatability
8494G	DC to 4 GHz	0 to 11	1 dB	0.96	1.50	1 W	100 W	5	±0.03 dB max 5 million cycles per section
8495G	DC to 4 GHz	0 to 70	10 dB	0.68	1.35	1 W	100 W	5	±0.03 dB max 5 million cycles per section
8496G	DC to 4 GHz	0 to 110	1 dB	0.96	1.50	1 W	100 W	5	±0.03 dB max 5 million cycles per section
8494H	DC to 18 GHz	0 to 11	10 dB	2.22	1.90	1 W	100 W	5	±0.03 dB max 5 million cycles per section
8495H	DC to 18 GHz	0 to 70	10 dB	1.66	1.70	1 W	100 W	5	±0.03 dB max 5 million cycles per section
8496H	DC to 18 GHz	0 to 110	10 dB	2.22	1.90	1 W	100 W	5	±0.03 dB max 5 million cycles per section

RF Connector Options:

1) 849xG/H offers N(f)/SMA (f)/APC-7

Ordering Information

Attenuation range	Option type	Option description
8494G/ 8494H/ 8495G/ 8495H/ 8496G/ 8496H/	001	N (f) ^{G,H}
	002	SMA (f) ^{G,H}
	004	3.5 mm (f) ¹
	024	24 Vdc
	011	5 Vdc
	060	12-pin Viking connector ^{G,H}
	016	16-inch ribbon cable with 14-pin DAP plug ^{G,H}
	UK6	Commercial calibration test data with certifications

Note: Each order must include RF connector option

¹ Available with 8495/97 only

For more details on the Agilent attenuators and ordering information see the “Agilent RF and Microwave Attenuators”, literature number 5989-6948EN. For more information on Agilent attenuators, please visit: www.agilent.com/find/attenuators
Download or order from; www.agilent.com/find/mta



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