



# Agilent 8494H Programmable Step Attenuator

## Data Sheet

**Frequency Range:** dc to 18 GHz

**Attenuation Range:** 0 to 11 dB; 1 dB steps

**Insertion Loss:**  
(0 dB setting)  
0.6 dB + 0.09 dB/GHz

**Maximum SWR:**  
1.5 to 8 GHz  
1.6 to 12.4 GHz  
1.9 to 18 GHz

**Repeatability<sup>1</sup> Life:** 0.03 dB, maximum; 5 million cycles per section

**Maximum RF Input Power:** 1 W, average  
100 W peak<sup>2</sup> (10  $\mu$ s, maximum)

**Shipping Weight:** 0.9 kg (2 lb)

<sup>1</sup>Measured at 25 °C

<sup>2</sup>Not to exceed average power.