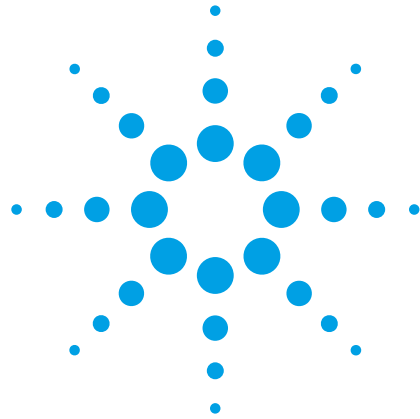


Agilent 8490G Coaxial Fixed Attenuators DC to 67 GHz



8490G Key Specifications & Features

- Maximize your operating frequency range for DC to 67 GHz applications
- Minimize your measurement uncertainty with low Standing Wave Ratio (SWR) of 1.45 up to 67 GHz
- Improve your measurement confidence with excellent attenuation accuracy



Agilent Technologies

The Agilent 8490G¹ precision coaxial fixed attenuators offer unparalleled performance up to 67 GHz. These attenuators come with a 1.85 mm coaxial connector, exhibit excellent SWR and attenuation accuracy from DC to 67 GHz. The 8490G provides attenuation values of 3, 6, 10, 20, 30 and 40 dB.

With high accuracy and low SWR, the attenuators are ideal for extending the dynamic range of power meters. This helps enable higher power measurements, and reduce input power levels into sensitive components and instruments. These attenuators are also commonly used to reduce measurement mismatch errors.



The 8490G precision fixed attenuators offer unparalleled performance up to 67 GHz.

Specifications (preliminary)²

Options	Attenuation (dB)			
	0 to 67 GHz (Min)	0 to 26.5 GHz (Max)	26.5 to 50 GHz (Max)	50 to 67 GHz (Max)
8490G-003	2.5	3.9	4.4	4.8
8490G-006	5.4	6.9	7.4	7.8
8490G-010	9.4	10.9	11.1	11.3
8490G-020	19.2	21.3	21.5	21.7
8490G-030	29.2	31.3	31.5	31.7
8490G-040	38.2	42.5	42.5	42.5

Options	SWR (Maximum)		
	0 to 26.5 GHz	26.5 to 50 GHz	50 to 67 GHz
8490G-003	1.15	1.25	1.45
8490G-006	1.15	1.25	1.45
8490G-010	1.15	1.25	1.45
8490G-020	1.15	1.25	1.45
8490G-030	1.15	1.25	1.45
8490G-040	1.10	1.15	1.25

1. The 8490G precision coaxial attenuators are expected to be available Winter 2006.

2. Specifications subject to change.

Web Resource <http://www.agilent.com/find/mta>

www.agilent.com

For more information on Agilent Technologies' products, applications or services, please contact your local Agilent office.

Phone or Fax

United States:
(tel) 800 829 4444
(fax) 800 829 4433

Canada:
(tel) 877 894 4414
(fax) 800 746 4866

China:
(tel) 800 810 0189
(fax) 800 820 2816

Europe:
(tel) 31 20 547 2111

Japan:
(tel) (81) 426 56 7832
(fax) (81) 426 56 7840

Korea:
(tel) (080) 769 0800
(fax) (080)769 0900

Latin America:
(tel) (305) 269 7500

Taiwan:
(tel) 0800 047 866
(fax) 0800 286 331

Other Asia Pacific Countries:
(tel) (65) 6375 8100
(fax) (65) 6755 0042
Email: tm_ap@agilent.com

Contacts revised: 05/27/05

The complete list is available at:
www.agilent.com/find/contactus

Product specifications and descriptions in this document subject to change without notice.

© Agilent Technologies, Inc. 2005
Printed in USA, December 20, 2005
5989-3728EN



Agilent Technologies