

KEYSIGHT TECHNOLOGIES (AGILENT HP)

8492A

The Keysight 8492A (formerly Agilent / HP) is a high-performance, precision coaxial fixed attenuator designed for applications spanning from DC to 18 GHz. It features APC-7 connectors, exceptionally flat frequency response, and very low SWR. Swept-frequency tested across its entire operating range to guarantee specification compliance, each unit is equipped with a nameplate calibration chart for precise measurements in professional RF and microwave environments.

SPECIFICATIONS

RF & Microwave Performance

Frequency Range	DC to 18 GHz
Nominal Impedance	50 Ω
Nominal Attenuation Values	3 dB, 6 dB, 10 dB, 20 dB, 30 dB, 40 dB, 50 dB, 60 dB
Maximum Input Power (Average)	2 W

Mechanical & Design

Connector Type (Port 1)	APC-7
Connector Type (Port 2)	APC-7
Connector Gender Configuration	Sexless

General

Calibration Chart	Calibration points provided on nameplate chart attached to each unit
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Calibration

Calibration Frequencies	DC, 4, 8, 12.4, 18 GHz
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TECHNOLOGY

Coaxial RF / Microwave

APPLICATIONS

Precision RF signal attenuation, impedance matching, instrument protection, and calibration

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.