

PA-02 Preamplifier



Power Supply

Pre-amp

Product Overview

The TDK-PA-02 series RF preamplifiers are ideal for EMI testing in an anechoic chamber environment. The low noise figure and high gain make it ideal in detection of low level radiated emissions when testing to standard requirements with restrictive limit lines. Its compact size and mounting bracket allows for easy implementation into the measurement test setup. A 15 VDC supply is provided along with a 6 meter shielded DC power cord.

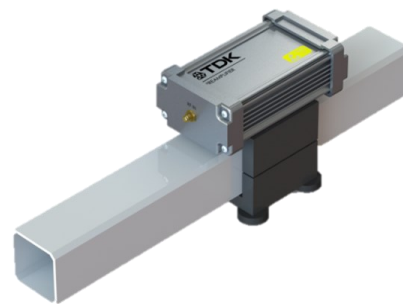
The ultra-broadband nature of these preamplifiers makes them an ideal choice for EMI emission measurements for almost all EMI emission standards. Multiple model options are available in this preamplifier.

Options

- Antenna mast mount
- Other frequency ranges available; contact factory for details

Features

- Low Noise
- Compact design
- Can be mounted right behind the antenna
- Wideband range of preamps
- Shielded case and power supply



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Available Model Configurations

Model	Freq Range	Minimum Gain dB	Max N.F dB	Max Gain Flatness dB	Min P-1dB Compression dBm	Max I/O VSWR	I/O Connector
PA-02-9K1G	9kHz - 1GHz	37	1.4	+/- 1.5	+13.0	1.8:1	SMA (F)
PA-02-9K3G	9kHz - 3GHz	37	3.0	+/- 2.0	+15.0	2.0:1	SMA (F)
PA-02-20M8G	20MHz - 8GHz	40	4.0	+/- 2.0	+13.0	2.0:1	SMA (F)
PA-02-500M18G	500MHz - 18GHz	45	5.0	+/-2.5	+20.0	2.0:1	SMA (F)
PA-02-18G26G	18GHz - 26.5GHz	47	3.0	+/- 2.5	+7.0	2.1:1	2.92mm (F)
PA-02-26G40G	26.5GHz - 40GHz	47	3.5	+/- 2.0	+7.0	2.2:1	2.92mm (F)

Electrical/Mechanical Specifications

Power: 100 -240 VAC,50/60 Hz
45 W (Pre-Amp dependent)

Dimensions L X H X W

Preamp 175mm X 46mm X 81mm

Power Supply 206mm X 170mm X 81mm

Ordering Information

Product : Preamplifier

Model Number : PA-02 (refer to table)

Warranty : 1 year

To place an order or to learn more about the TDK products that best meet your needs, contact your TDK sales representative:

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