

- Ultra broadband
- High gain
- Low noise figure



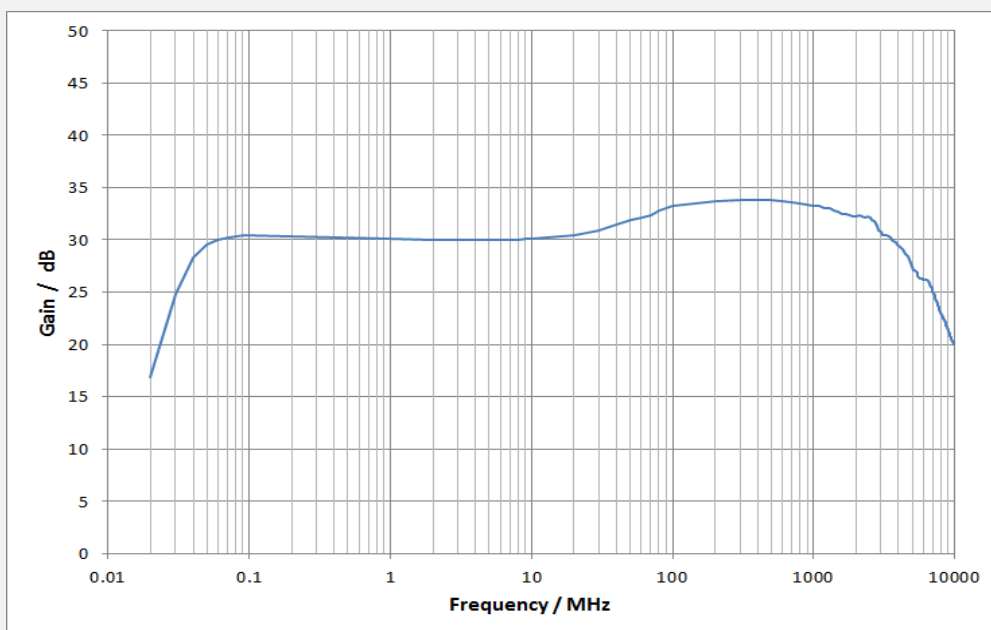
The WPA-15109A is a general purpose ultra-broadband low noise RF preamplifier. Its wide bandwidth and high gain makes this preamplifier ideal as an addition to EMC emission measurement systems or for use in general laboratory applications.

The WPA-15109A will significantly improve the sensitivity of typical spectrum analyzer based radiated emission measurement systems enabling low level signals to be measured and allowing measurements to be assessed against lower emission limit lines.

Radiated emission tests for common commercial standards typically require testing over frequency ranges between 30 MHz – 6 GHz making this preamplifier perfect for performing emission tests without the need for multiple preamplifiers

Every preamplifier is supplied with a universal power supply, individual calibration data and a two year warranty.

WPA-15109A - Typical gain



Specifications	
Model number	WPA-15109A
Frequency range	100 kHz – 10 GHz
Gain	30dB \pm 3dB typical (100 kHz – 6 GHz) reducing to 20dB at 10 GHz
Noise figure	5 dB
Input connector	'N' Type female
Output connector	'N' Type female
Input/output impedance	50 Ω
Maximum input level	+6 dBm
Power supply	+12 VDC
Current consumption	120 mA
Dimensions	141 x 111 x 47 mm (excluding connectors)

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