

# AaroniaUSA

864-885-0700



## Broadband Preamplifier UBBV-NF-Series

### Highlights

- Suitable for any brand of Spectrum Analyzers or Antennas
- Frequency range: 1Hz (DC) - 50MHz
- Fits perfectly to any SPECTRAN
- Integrated calibration data, readout via USB
- Runs with internal battery or power supply
- Small weight and dimensions
- 10 years warranty

# Details

## Highest Performance in the smallest space

Do you have problems to read weak signals? Or how about boosting that probe gain or maybe pre-amping that antenna. The UBBV is the answer to all these needs as well as many others.

The UBBV is an high-end Preamplifier which works with any brand of Spectrum Analyzers and directly fits to any SPECTRAN.

Since the UBBV has such a high compression point of almost 100 milliwatts, you can even use it to boost the power of small micro transmitters.

The UBBV series enables maximum performance, particularly when measuring extremely weak signals e.g. in typical EMC test according to EN55022, EN55011 and so on.



The transport case offers enough space for the preamp & accessories



Frontside



Backside



The UBBV fits directly to any SPECTRAN Spectrum Analyzer

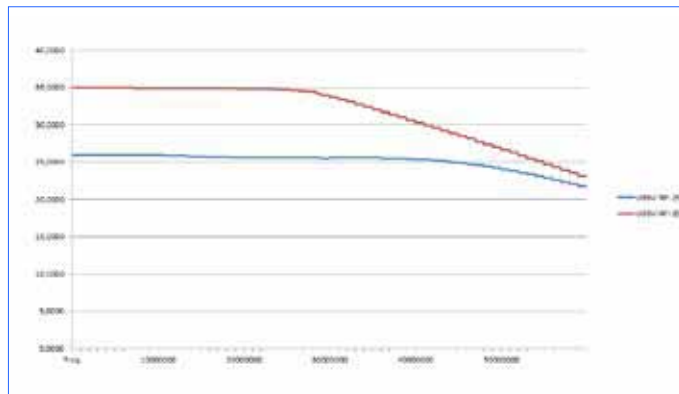
# Technical Data

## UBBV-NF 25

- ◆ Frequency range: **1Hz - 50MHz** (60MHz with -3dB bandwidth)
- ◆ Gain: 25dB (typ.)
- ◆ Max. input DC voltage: 10VDC
- ◆ Max. input AC voltage: 3V or 2.1V rms
- ◆ Max. power at output: +15dBm (50 Ohm)
- ◆ Input: 100 kohm SMA (f)
- ◆ Output: 50 ohm SMA (m)
- ◆ Interface: USB 2.0/1.1
- ◆ Internal specific calibration data, readout via USB
- ◆ Incl. transport case, power supply incl. international adapters, manual, SMA tool & USB cable
- ◆ Weight: 146gr
- ◆ Dimensions: 81x61x29mm
- ◆ **Warranty: 10 years**

## UBBV-NF 35

- ◆ Frequency range: **1Hz - 30MHz** (35MHz with -3dB bandwidth)
- ◆ Gain: 35dB (typ.)
- ◆ Max. input DC voltage: 10VDC
- ◆ Max. input AC voltage: 3V or 2.1V rms
- ◆ Max. power at output: +10dBm (50 Ohm)
- ◆ Input: 100 kohm SMA (f)
- ◆ Output: 50 ohm SMA (m)
- ◆ Interface: USB 2.0/1.1
- ◆ Internal specific calibration data, readout via USB
- ◆ Incl. transport case, power supply incl. international adapters, manual, SMA tool & USB cable
- ◆ Weight: 146gr
- ◆ Dimensions: 81x61x29mm
- ◆ **Warranty: 10 years**



Gain UBBV-NF-25 & NF-35