

# Particulars HV Filter

## Introduction



HV filter is an essential part of each system that relies on very stable DC for biasing the detectors. It effectively filters out any high frequency distortions of the DC power supply which would affect the measured signal. It is recommended to use it in any configuration and also for impedance decoupling of individual channels in multi-electrode measurements.

## Connections

**IN** – high voltage input connection (please always respect the rating). The connection is realized through either banana plugs or a HV BNC connector.

**OUT** – high voltage output (SMA)