

PU-PSEP1 Passiver Video Masse Potentialtrenner

Art-Nr. 53580



- Potentialtrenner zur Reduzierung von Interferenzen
- verhindert bei unterschiedlichen Massepotentialen Erdschleifen
- BNC Stecker auf BNC Buchse zum Einschleifen in eine Koaxleitung
- arbeitet passiv, benötigt keine eigene Spannungsversorgung
- eliminiert Bildabrisse und vertikale Bilddurchläufe

1. Technical description.

The P-SEP1 galvanic separator eliminates problems associated with ground loop. It allows eliminating interference (usually lines moving across the screen, distorted and fuzzy image) resulting from the potential difference between the ground of the camera and the ground of other devices of the CCTV system, i.e. DVR, monitor.

Such problems are most common in systems characterized by a particularly large difference in the length of cables connecting the cameras.

The separator also provides protection against signal ground currents and protects the devices against damage due to lightning.

2. Technical parameters.

Adapter Attenuation	0,5dB
Frequency Response	20Hz-10MHz
Attenuation range	0 + -3dB (-0,4 dB @ 5MHz)
Input impedance / connector type	75Ω / BNC socket
Output impedance / connector type	75Ω / BNC plug
The effectiveness of insulation / galvanic separation	600VDC
Insulation resistance	100MΩ
Breakdown Voltage	12Vrms
Operation temperature	-20°C + 55°C
Storage temperature	-40°C + 60°C
Dimensions	22 x 28 x 84mm
Net / gross weight	0,05kg/0,07kg
Declarations, warranty	CE, one year from the production date

3. Connection scheme.

The use of separators for both the cameras and recorders / monitors is recommended.

In some cases, it is sufficient to determine a line where interference is taking place and to mount the separator at its end.

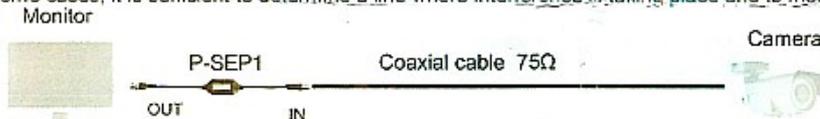


Fig. 1. The use of separator on the side of the monitor

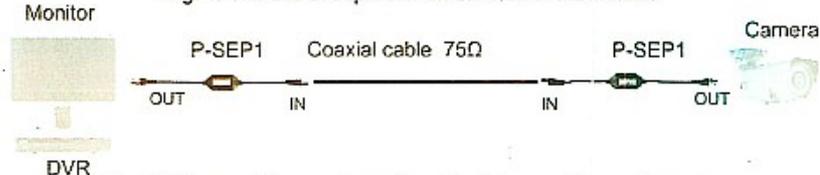


Fig. 2. The use of separator on the side of the monitor and camera

Example of image distortion:

Before using the separator



Visible lines moving across the screen

After using the separator



Image without distortion

WEEE Label

Waste electrical and electronic equipment must not be disposed of with normal household waste. According to the European Union WEEE Directive, waste electrical and electronic equipment should be disposed of separately from normal household waste.