

Code: OPV-1LA

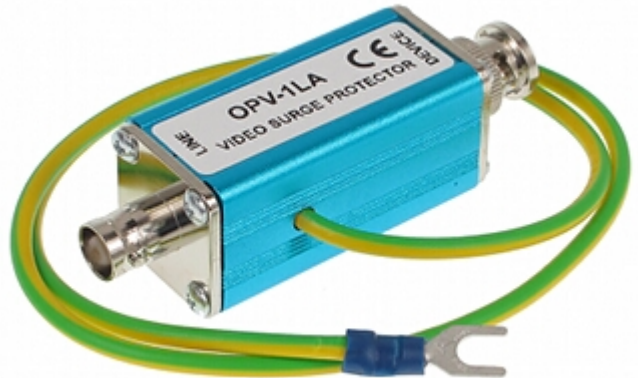
## VIDEO OVERVOLTAGE LIMITER OPV-1LA

Net: 14.28 EUR Gross: 14.28 EUR

The OPV-1LA overvoltage limiter effectively protects signal line carrying away the stroke current to the ground, due to above provides adequate overvoltage protection for electronic devices. Our statistics collected from many years of service show that about 25 percent of damages of electronic equipment was caused by overvoltages.

The OPV-1LA does not affect signal quality and is a passive device, no supplying is required.

ATTENTION! Before installation please read the following instructions: Any installation work cannot be led during thunderstorm. The OPV-1LA requires good quality grounding installation. The limiter should be placed as near as possible to the protected device. The OPV-1LA requires the proper connection. Protected device must be connected to the "DEVICE" - OUTPUT BNC plug. The "LINE" BNC socket should be connected to the transmission line which may occur surge.



### SPECIFICATION

Standard:	<ul style="list-style-type: none"><li>• AHD - 5 Mpx</li><li>• HD-CVI - 8 Mpx 4K UHD</li><li>• HD-TVI - 5 Mpx</li><li>• CVBS - PAL / NTSC</li></ul>
Protected line:	Coaxial
Threshold voltage:	> 2.4 V
Maximum stroke current:	5 kA (8/20 $\mu$ s)
Response time:	15 ns
Insertion loss:	0.3 dB
Capacity:	7 pF
Serial impedance per line:	1 $\Omega$ ( Wire )
Bandwidth:	0 ... 140 MHz
Grounding:	Indirect, via inserted cable
Input socket type:	BNC socket
Output socket type:	BNC plug
Length of grounding cable:	0.5 m
Operation temp:	- 20 °C ... 55 °C
Permissible relative humidity:	< 95 %
Weight:	0.08 kg
Dimensions:	84 x 25 x 25 mm
Manufacturer / Brand:	DELTA
Guarantee:	<b>3 years</b>

### PRESENTATION

Device connectors:

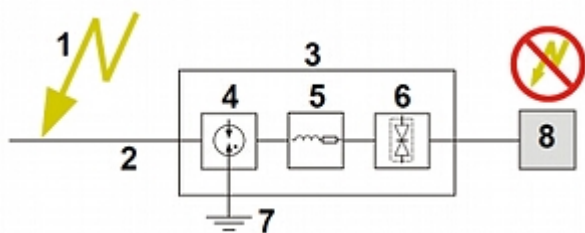
DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>  
POL; 60-713 Poznań; Graniczna 10  
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60



Device connectors:

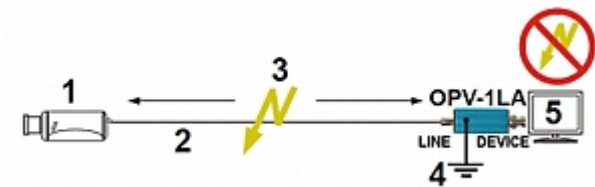


Operation way:



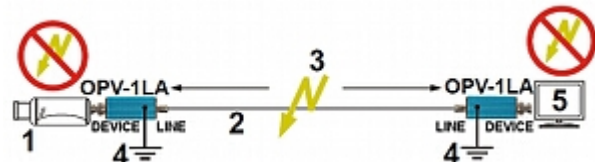
- 1) Overvoltage
- 2) Coaxial cable
- 3) overvoltage limiter
- 4) gas spark arrester
- 5) delayed system
- 6) protection diodes
- 7) Grounding
- 8) Protected devices

Connection diagram:



- 1) Camera
- 2) Coaxial cable
- 3) Overvoltage
- 4) Grounding
- 5) Monitor

In order to fully protect all equipment connected to video lines against overvoltages, this application is recommended:



- 1) Camera
- 2) Coaxial cable
- 3) Overvoltage
- 4) Grounding
- 5) Monitor

### OUR TESTS

Amplitude - frequency response (RF PWR OUT = 0 dBm):



### PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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