

Code: OPV-1SDI

VIDEO OVERVOLTAGE LIMITER **OPV-1SDI**

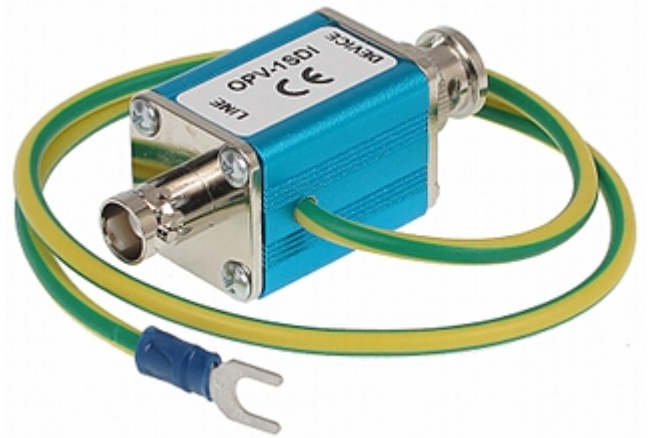
Net: **10.72 GBP** Gross: **10.72 GBP**

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

The device uses a modern solution in the form of high-speed protection made in MOSFET technology ("surge current blocker").

ATTENTION! Before installation please read the following instructions: Any installation work cannot be led during thunderstorm. The OPV-1SDI requires good quality grounding installation. The limiter should be placed as near as possible to the protected device. The OPV-1SDI 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

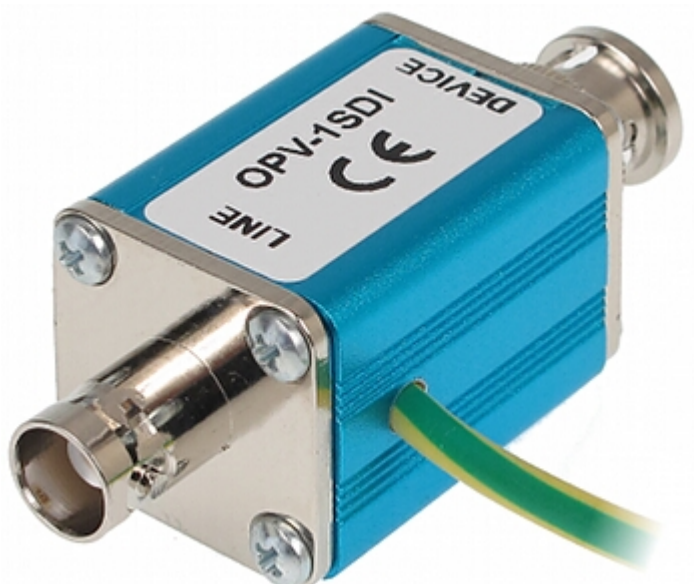
Standard:	• HD-SDI • AHD - 5 Mpx • HD-CVI - 8 Mpx 4K UHD • HD-TVI - 5 Mpx • CVBS - PAL / NTSC
Protected line:	Coaxial
Threshold voltage:	> 5 V
Maximum stroke current:	1 kA (8/20µs)
Response time:	< 1 ns
Baud rates:	1.485 Gb/s HD-SDI SMPTE-292M
Insertion loss:	1.1 dB
Grounding:	Indirect, via inserted cable
Input socket type:	BNC socket
Output socket type:	BNC plug
Length of grounding cable:	0.5 m
Application:	• cameras HD-SDI • Recorders HD-SDI • monitors SDI • CCTV • CATV
Operation temp:	- 20 °C ... 55 °C
Permissible relative humidity:	< 95 %
Weight:	0.07 kg
Dimensions:	64 x 25 x 25 mm
Manufacturer / Brand:	DELTA
Guarantee:	3 years

PRESENTATION

Device connectors:



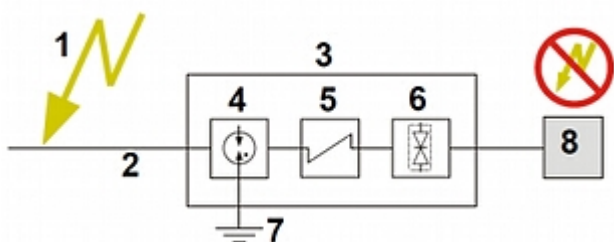
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Device connectors:

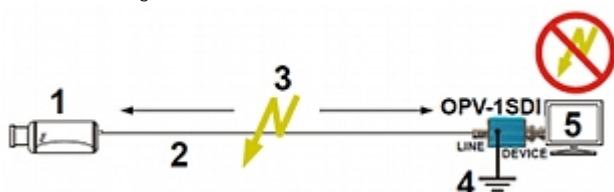


Operation way:



- 1) Overvoltage
- 2) Coaxial cable
- 3) overvoltage limiter
- 4) gas spark arrester
- 5) surge current blocker
- 6) protection diode
- 7) Grounding
- 8) Protected devices

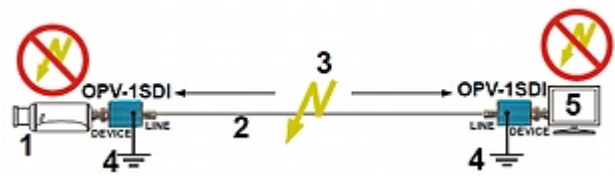
Connection diagram:



- 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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