

Code: DS-1H18

## VIDEO BALUN **DS-1H18** Hikvision

Net: **5.03 EUR** Gross: **5.03 EUR**

The DS-1H18 is designed to video signal transmission via twisted-pair cable. The device adapts the impedance of coaxial cable 75  $\Omega$  to the impedance of symmetrical line, ensuring transmission of video signal up to 250m @ 720p / 150m @ 1080p (twisted-pair cable category 5e) and eliminates asymmetric interferences. It is important to pay attention to linking the adequate terminals: (+) and (-). Reverse connection would cause distortion of image.



### SPECIFICATION

In package:	<b>2 pcs The price for package</b>
Standard:	<ul style="list-style-type: none"><li>• AHD - 5 Mpx,</li><li>• HD-CVI - 8 Mpx 4K UHD,</li><li>• HD-TVI - 8 Mpx 4K UHD,</li><li>• CVBS - PAL, NTSC</li></ul>
Device type:	Passive
Number of channels:	1
Video transmission range:	<ul style="list-style-type: none"><li>• 250 m @ 720p - UTP cat. 5e</li><li>• 150 m @ 1080p - UTP cat. 5e</li><li>• 400 m @ CVBS - PAL, NTSC - UTP cat. 5e</li></ul>
Attenuation:	<ul style="list-style-type: none"><li>• 4.43 MHz @ 0.11 dB</li><li>• 11 MHz @ 0.18 dB</li><li>• 21 MHz @ 0.28 dB</li><li>• 38 MHz @ 0.45 dB</li><li>• 42 MHz @ 0.48 dB</li><li>• 67.5 MHz @ 0.63 dB</li></ul> The attenuation applies to two devices connected to each other
CMRR (dB @ 5MHz):	60 dB
Coaxial socket impedance:	75 $\Omega$
Symmetrical socket impedance:	100 $\Omega$
Coaxial socket type:	BNC plug
Symmetrical socket type:	Spring terminals
Operation temp:	-10 °C ... 70 °C
Permissible relative humidity:	< 95 %
Weight:	0.016 kg
Dimensions:	52 x 20 x 15 mm
Manufacturer / Brand:	Hikvision
SAP Code:	301600259
Guarantee:	<b>3 years</b>

### PRESENTATION

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



Connecting the twisted-pair cable to the transformer:



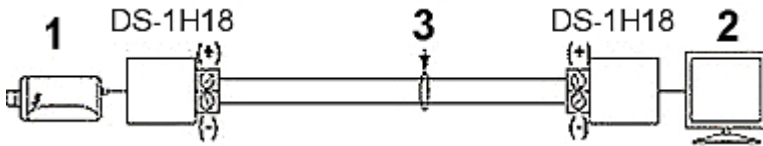
The device is tiny sizes:



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POL; 60-713 Poznań; Graniczna 10  
e-mail: [delta-opti@delta.poznan.pl](mailto:delta-opti@delta.poznan.pl); tel: +(48) 61 864 69 60



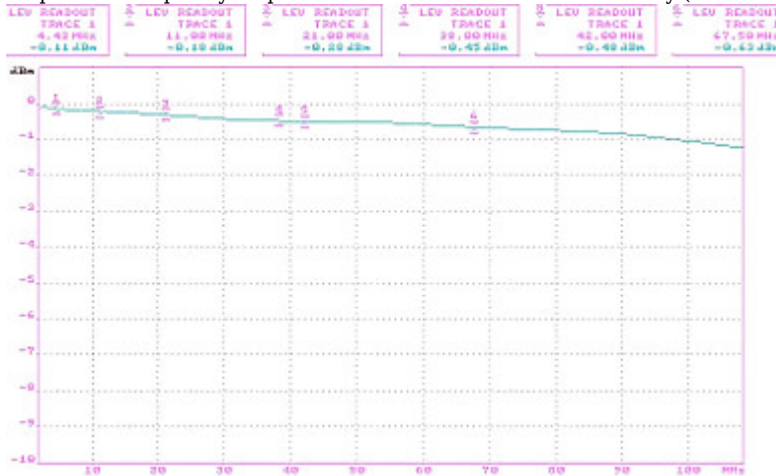
Connection diagram:



- 1) Camera
- 2) Monitor
- 3) Twisted-pair cable (1 pair)

## OUR TESTS

Amplitude - frequency response - 2 transformers connected briefly (RF PWR OUT = 0 dBm):



## OUR OPINIONS



- The device has a very good amplitude - frequency response.
- Tiny dimensions allow to easy montage of the transformers even in case of thick BNC sockets mounted.
- Spring terminals for twisted-pair cable allow to quick assembly without any tools.

**PACKAGE**

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