

Code: DS-1H18

VIDEO BALUN **DS-1H18** Hikvision

Net: **5.04 CHF** Gross: **5.04 CHF**

The DS-1H18 is designed to video signal transmission via twisted-pair cable. The device adapts the impedance of coaxial cable 75 Ω 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:	2 pcs The price for package
Standard:	• AHD - 5 Mpx, • HD-CVI - 8 Mpx 4K UHD, • HD-TVI - 8 Mpx 4K UHD, • CVBS - PAL, NTSC
Device type:	Passive
Number of channels:	1
Video transmission range:	• 250 m @ 720p - UTP cat. 5e • 150 m @ 1080p - UTP cat. 5e • 400 m @ CVBS - PAL, NTSC - UTP cat. 5e
Attenuation:	• 4.43 MHz @ 0.11 dB • 11 MHz @ 0.18 dB • 21 MHz @ 0.28 dB • 38 MHz @ 0.45 dB • 42 MHz @ 0.48 dB • 67.5 MHz @ 0.63 dB The attenuation applies to two devices connected to each other
CMRR (dB @ 5MHz):	60 dB
Coaxial socket impedance:	75 Ω
Symmetrical socket impedance:	100 Ω
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:	3 years

PRESENTATION

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Connecting the twisted-pair cable to the transformer:



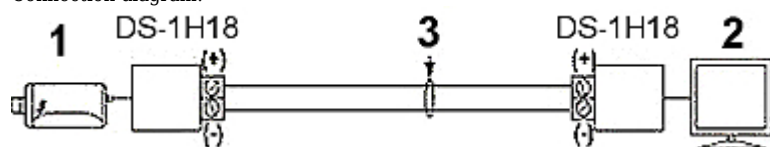
The device is tiny sizes:



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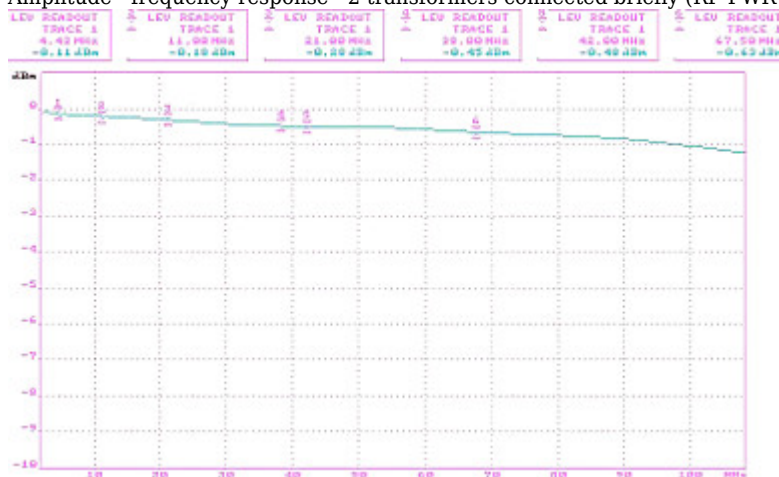
Connection diagram:



- 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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