

Code: D-SEP/HD-4

VIDEO SEPARATOR **D-SEP/HD-4**

The D-SEP/HD-4 ground loop isolator is a passive device that eliminates or reduces signal interferences resulting from the potential difference between devices and currents flowing through the signal mass. The device provides galvanic isolation and is intended for applications using the signal standards: AHD, HD-CVI, HD-TVI, PAL. The D-SEP/HD-4 consists of 4 independent (galvanically isolated) channels. Each input is protected by a specialized TVS diode.

Attention! The D-SEP/HD-4 device requires a valid connection: **Cable** (BNC socket) - camera signal (transmission line), **Device** (BNC socket) - recorder, monitor.



Standard:	• AHD - 8 Mpx, 4K UHD • HD-CVI - 8 Mpx, 4K UHD • HD-TVI - 8 Mpx 4K UHD • CVBS - PAL / NTSC
Device type:	Passive
Number of inputs:	4 pcs BNC socket
Number of outputs:	4 pcs BNC socket
Input impedance:	75 Ω
Output impedance:	75 Ω
Opto-isolation between inputs and outputs:	50 V DC
Galvanic separation between individual channels:	> 2000 V
Attenuation:	• 4.43 MHz @ 0.37 dB • 11 MHz @ 0.47 dB • 21 MHz @ 0.62 dB • 38 MHz @ 0.93 dB • 42 MHz @ 0.93 dB • 67.5 MHz @ 1.16 dB
Bandwidth:	200 MHz
Inputs protection:	ESD, IEC 61000-4-2, ± 30 kV contact, ± 30 kV air EFT, IEC 61000-4-4, 40A (5/50ns) Lightning, IEC 61000-4-5, 30A ($t_p=8/20\mu s$)
Power supply:	—



DATA SHEET

Operation temp:	-20 °C ... 55 °C
Weight:	0.12 kg
Dimensions:	103 x 78 x 30 mm
Manufacturer / Brand:	DELTA
Guarantee:	3 years