

Ref: ACDX-00029

## PASSIVE 8CH VIDEO TRANSMISSION WITH CABLE

The TP8CHCB is designed to video signal transmission via twisted-pair cable. The device adapts the impedance of coaxial cable 75Ω to the impedance of symmetrical line, ensuring transmission of video signal up to 400m (twisted-pair cable category 5) and eliminates asymmetric interferences.

It is important to pay attention to linking the adequate terminals: (+) and (-). Reverse connection would cause distortion of image. All is placed inside metal housing.



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:	8 pcs Video
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 - UTP cat. 5e</li> </ul>
Attenuation:	<ul style="list-style-type: none"> <li>• 4.43 MHz @ 0.42 dB</li> <li>• 11 MHz @ 0.64 dB</li> <li>• 21 MHz @ 0.91 dB</li> <li>• 38 MHz @ 1.41 dB</li> <li>• 42 MHz @ 1.53 dB</li> <li>• 67.5 MHz @ 2.22 dB</li> </ul> <p>The attenuation applies to two devices connected to each other</p>
Coaxial socket voltage range 75Ω (CVBS):	1 Vpp
Isolation between inputs:	> -50 dB
CMRR (dB @ 5MHz):	60 dB
Coaxial socket impedance:	75 Ω
Symmetrical socket impedance:	100 Ω
Coaxial socket type:	8 x BNC Plug with cable
Symmetrical socket type:	Cable terminals / 2 x RJ-45 (8-pin, 4 pairs) Socket
Operation temp:	-10 °C ... 70 °C
Permissible relative humidity:	< 95 %
Weight:	0.32 kg
Dimensions:	185 x 58 x 25 mm