

Ref: ACDX-00028

PASSIVE 4CH VIDEO TRANSMISSION WITH CABLE

The TP4CHCB 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.



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| Standard: | <ul style="list-style-type: none"> • AHD - 5 Mpx, • HD-CVI - 8 Mpx 4K UHD, • HD-TVI - 8 Mpx 4K UHD, • CVBS - PAL, NTSC |
| Device type: | Passive |
| Number of channels: | 4 pcs Video |
| Video transmission range: | <ul style="list-style-type: none"> • 250 m @ 720p - UTP cat. 5e • 150 m @ 1080p - UTP cat. 5e • 400 m @ CVBS - PAL, NTSC - UTP cat. 5e |
| Coaxial socket voltage range 75Ω (CVBS): | 1 Vpp |
| Attenuation: | <ul style="list-style-type: none"> • 4.43 MHz @ 0.42 dB • 11 MHz @ 0.71 dB • 21 MHz @ 1.07 dB • 38 MHz @ 1.41 dB • 42 MHz @ 1.41 dB • 67.5 MHz @ 2.32 dB |
| Isolation between inputs: | > -50 dB |
| CMRR (dB @ 5MHz): | 60 dB |
| Coaxial socket impedance: | 75 Ω |
| Symmetrical socket impedance: | 100 Ω |
| Coaxial socket type: | 4 x BNC Plug with cable |
| Symmetrical socket type: | Cable terminals / RJ-45 (8-pin, 4 pairs) |
| Operation temp: | -10 °C ... 70 °C |
| Permissible relative humidity: | < 95 % |
| Weight: | 0.175 kg |
| Dimensions: | 105 x 58 x 25 mm |