

Code: TR-1C

## VIDEO BALUN **TR-1C**

The TR-1C 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.



|                                          |                               |
|------------------------------------------|-------------------------------|
| Standard:                                | HD-CVI, AHD, PAL, SECAM, NTSC |
| Device type:                             | Passive                       |
| Number of channels:                      | 1                             |
| Video transmission range:                | max. 400 m UTP cat. 5e        |
| Coaxial socket voltage range 75Ω (CVBS): | 1 Vpp                         |
| Insertion loss:                          | - 0.5 dB @ 5 MHz              |
| Video bandwidth:                         | 0 ... 50 MHz ( -3 dB )        |
| CMRR (dB @ 5MHz):                        | 50 dB                         |
| Coaxial socket impedance:                | 75 Ω                          |
| Symmetrical socket impedance:            | 100 Ω                         |
| Coaxial socket type:                     | BNC Straight plug             |
| Symmetrical socket type:                 | Cable terminals               |
| Operation temp:                          | -10 °C ... 55 °C              |
| Permissible relative humidity:           | < 95 %                        |
| Weight:                                  | 0.016 kg                      |
| Dimensions:                              | 15 x 47 x 15 mm               |
| Guarantee:                               | <b>Lifetime warranty</b>      |