

Code: TR-4MET

VIDEO BALUN **TR-4MET**

The TR-4MET 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. The device has also a DATA connector, which allows to data transmission (e.g. RS-485) via one pair of the twisted-pair cable (connected to the No.1 and No.2 pins of the RJ-45 socket).

Two devices must be used to build a complete channel for signal transmission. It is important to pay attention to linking the adequate terminals: (+) and (-). Reverse connection would cause distortion of image.



Device type:	Passive
Number of channels:	4 pcs Video
Video transmission range:	max. 400 m UTP cat. 5e
Coaxial socket voltage range 75Ω (CVBS):	1 Vpp
Video bandwidth:	0 ... 50 MHz (-3 dB)
Data connector type (DATA):	Cable terminals
Isolation between inputs:	> -50 dB
CMRR (dB @ 5MHz):	50 dB
Coaxial socket impedance:	75 Ω
Symmetrical socket impedance:	100 Ω
Coaxial socket type:	4 x BNC Straight socket
Symmetrical socket type:	RJ-45 (8-pin, 4 pairs) Socket
Operation temp:	0 °C ... 55 °C
Permissible relative humidity:	< 95 %
Weight:	0.125 kg
Dimensions:	103 x 30 x 70 mm
Guarantee:	2 years