

CODE: **P-TR1** v.1.0/I
 TYPE: **P- TR1 Set of passive video transmitters with BNC plug on the cable**

EN**



DESCRIPTION

The P-TR1 is a set of passive devices for video transmission using twisted-pair cable. These elements match the impedance of the coaxial cable (75Ω) to the impedance of the symmetrical cable (100Ω). In order to obtain the best quality of transmission and interference resistance the UTP cable Cat. 5 (or higher) is recommended. When connecting, make sure that the transmission uses cables from the same twisted pair and properly connect the cables to the screw terminals, "+" to "+" and "-" to "-". Improper connection will result in image distortion. The P-TR1 is ended with BNC plug on the cable. Such design allows easy connection of these elements to devices, where the sockets are arranged close to each other.

TECHNICAL DATA

The video signal	1,0V _{p-p} , 75 Ω
Video transmission range	400m (color), 600m (B/W) / UTP 5e or higher
Video bandwidth	0 ... 50 MHz (-3 dB)
Impedance of the coaxial connector / connector type	75 Ω / BNC plug (using the 100mm cable)
Impedance of the unbalanced connector / connector type	100 Ω / screw terminals
Attenuation (loop-through)	-0,5dB / 5MHz
CMRR	60dB / 5MHz
Operation temperature	-20°C ÷ 55°C
Storage temperature	-40°C ÷ 60°C
Permissible relative humidity	<95%
Dimensions	15 × 15 × 47mm (with cable - 155mm length)
Net / gross weight	0,04kg
Declarations, warranty	CE, one year from the production date

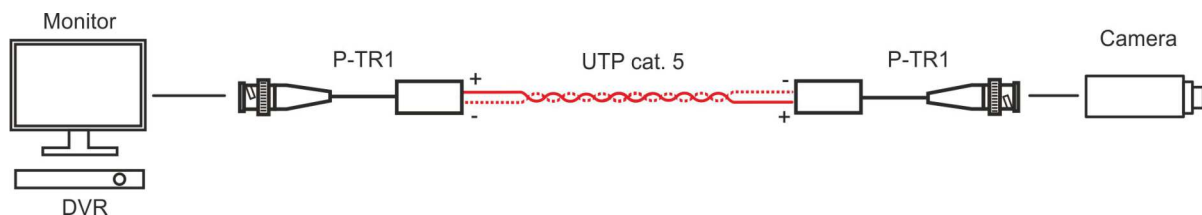


Fig. 1. Video image transmission using twisted-pair cable