

CODE: **P-TR2** v.1.0/I
 TYPE: **P- TR2 Set of passive video transmitters with BNC plug**

EN**



DESCRIPTION

The P-TR2 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.

P-TR2 is ended with BNC plug located directly on the housing of the transformer.

TECHNICAL DATA

The video signal	$1,0V_{p-p}$, 75Ω
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	75Ω / BNC plug
Impedance of the unbalanced connector / connector type	100Ω / screw terminals
Attenuation (loop-through)	-0,5dB / 5MHz
CMRR	60dB / 5MHz
Operation temperature	$-20^{\circ}\text{C} \div 55^{\circ}\text{C}$
Storage temperature	$-40^{\circ}\text{C} \div 60^{\circ}\text{C}$
Permissible relative humidity	<95%
Dimensions	$15 \times 15 \times 47\text{mm}$
Net / gross weight	0,04kg
Declarations, warranty	CE, one year from the production date

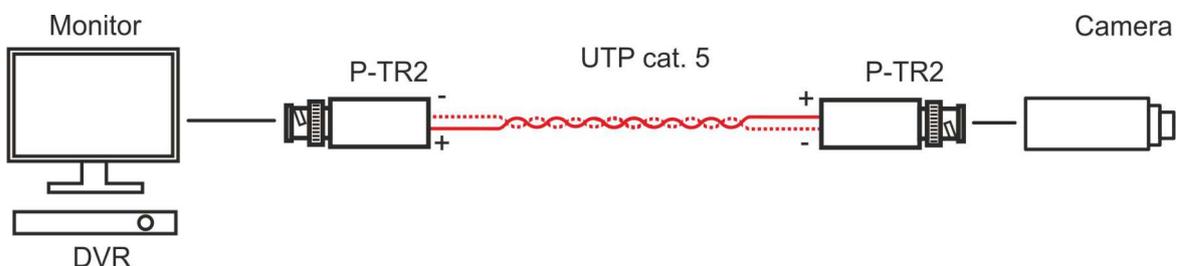


Fig. 1. Video image transmission using twisted-pair cable