

CODE: **P- TR3HD** v.1.0/II

EN**

TYPE: **P- TR3HD Set of passive video HD transmitters with angled BNC plug**

DESCRIPTION

The P-TR3HD 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-TR3HD 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	HD-CVI	720p	350m
		1080p	200m
		3 / 4 Mpx	140m
	HD-TVI	720p	200m
		1080p	180m
		3 / 4 / 5 Mpx	150m
	AHD	720p	350m
		1080p	180m
		3 / 4 / 5 Mpx	150m
	CVBS	960H	400m
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	$-30^{\circ}\text{C} \div 60^{\circ}\text{C}$		
Permissible relative humidity	<95%		
Dimensions	30 × 30 × 20mm		
Net / gross weight	0,03kg		
Declarations, warranty	CE, one year from the production date		

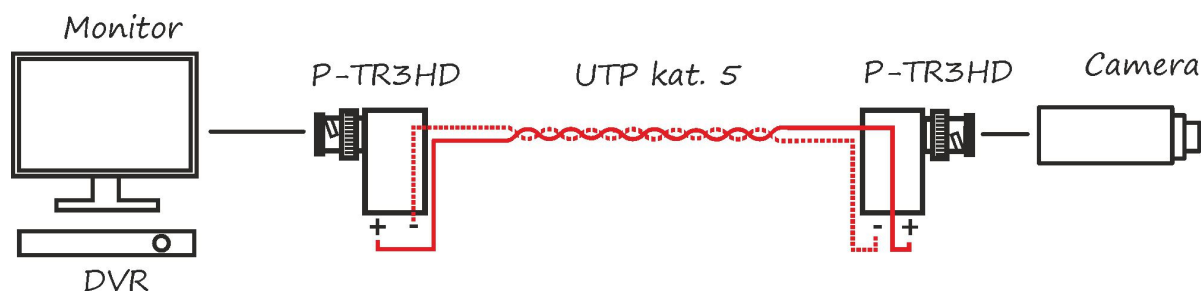


Fig. 1. Video image transmission using twisted-pair cable.