

MT-BL01

Passive Video Balun – Twisted pair to coaxial converter



MAGTEC MT-BL01 (Passive Balun) allows a single CCTV video signal to be transmitted via unshielded twisted pair (UTP) cable. Used with pairs or used together with Active Balun (MT-BL03R).

MT-BL01 is used in pair to achieve 250 meter transmission or used with Active Balun (MT-BL03R) to achieve 500 meter transmission. Magtec balun is compatible to all video system – PAL, NTSC and SECAM.

Advantages:

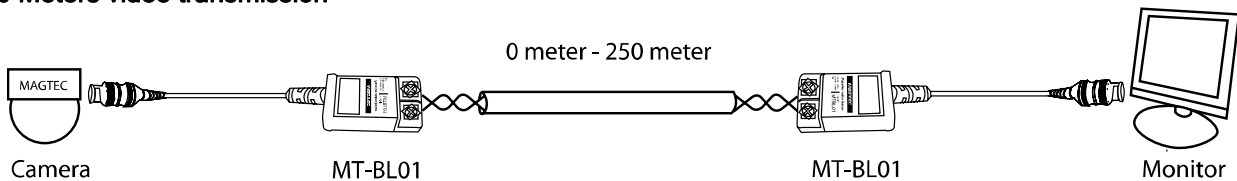
- Better interfaces rejection than coax
- Ease to install and reconfigure
- Installation tools, test equipment and labor cost are less expensive in long distance wiring.

Specification:

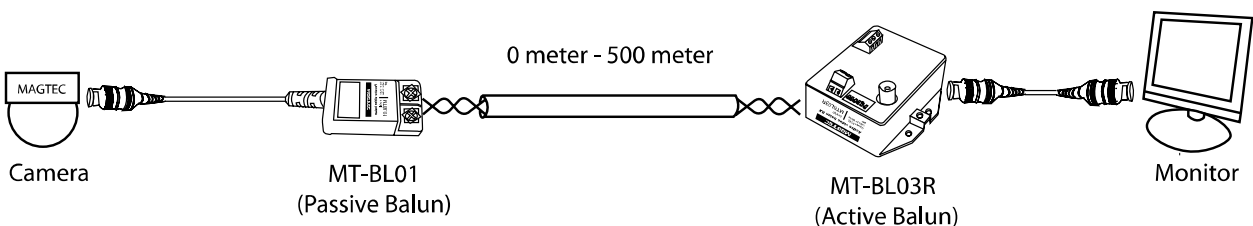
Video	
Bandwidth	DC – 6MHz
Attenuation	Maximum 1.5dB
Common mode / Differential-mode Rejection	15Khz – 5 MHz Typical 60 dB
Resistance	BNC Coax 75 Ω connector UTP cable 100 Ω
Cable Type	
Specification	24AWG or thicker cat-3 above
Resistance	100Ω ± 20%
DC loop resistance	18Ω / 100m
Differential Capacitor	62pf/m
Environment	
Temperature	-20 ~ + 75°C
Anti-transient ability	6000V 1.2 μ S x 50 μ S
Dimension	51 x 30 x 17mm
Net Weight	0.034kg

Typical Application:

250 Meters video transmission



500 Meters video transmission



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