

BALUN by Cat5 UTP Cable: Twisted Pair Video Transmitting Equipment



Passive Transceiver\Receiver [HOME](#)

CC01 Passive Transceiver\Receiver, without any power supply, transmits the color video signals up to 300m (from camera to monitor). Also able to mix with Active Transmitter and deliver signals up to 800 meters

Characteristics:

- NON power supply, Transmit the color video signals up to 300 meters.
 - Able to mix with ACTIVE TRANSMITTERS and deliver up to 800 meters.

Transmitter:

1. Connecting the video signals to the VIDEO IN terminal of CC01.
2. Respectively join the twisted-pair (the intertwist pair) with the terminals of the transmitter V+ and V-. (Terminal V+ of the transmitter to terminal V+ of the receiver, and terminal V- of the transmitter to terminal V- of the receiver)
3. **Earthing lead (lightning proof lead) joins with the terminal of GND.**

Receiver

1. According to twisted-pair colors of the transmitter (the intertwist pair), respectively join with the terminals of the receiver V+ & V-.
2. Connecting the video signals from the terminal VIDEO OUT to monitor.
3. Earthing lead (lightning proof lead) joins with the terminal of GND.

Content.

- Normal Output Level: 1Vp-p\75• TV signal
- Bandwidth: DC~6MHz
- Differential Gain: 2%
- Differential Phase: 2°
- Resistance: Unbalanced termination 75Ω Balanced
- Termination 100Ω
- Weighted Signal-noise-ratio: 60dB
- Power consumption: 0.5w
- Operation Temperature -25°C~+70°C
- Operating Humidity Range: ~95%(Non-condensing)

Cautions:

- Non-shield twisted-pair, gauge is 24—16AWG(0.5—1.31mm), using shield twisted-pair will be shorten the transmission distance.
- Guarantee the twisted-pair is intertwist together, separated pair or parallel pair is forbidden.
- Equipments are impressible with static, disassembly and repair without permission is forbidden.
- Keep water out of the equipment.
- DC circuit resistance less than 18Ω/100m; Difference capacitance less than 20pf/ft.

Keep earthing perfect, especially outdoor