

**Single Channel Passive Video Balun (with mini-coax pigtail)
Model Number: SJ-01A**

Product Description:

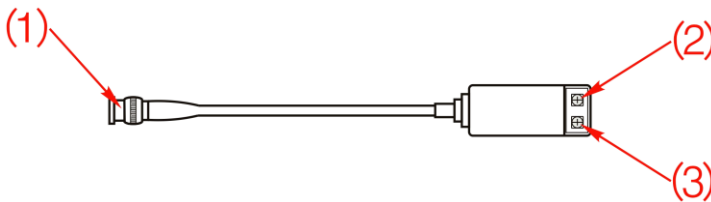
SJ-01A is passive video balun that allows CCTV video signal to be transmitted via cost-effective Unshielded Twisted Pair (UTP) cable to a long distance. A mini coaxial cable lead fits neatly with output terminal of CCTV cameras.

Product Feature:

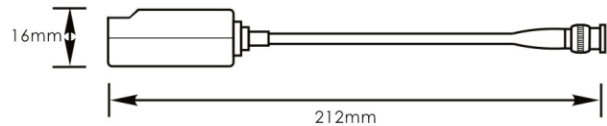
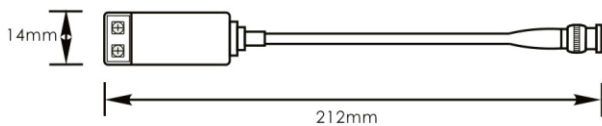
- ◆ Transmission distance of color signal via CAT5 or CAT6
 - Up to 300m (1000 ft) with passive balun
 - Up to 800m (2667ft) with general active receiver
 - Up to 1600m (5333ft) with automatic active receiver
- ◆ No need to provide power
- ◆ Two screw terminals for UTP cable, mini-coax pigtail
- ◆ Built-in transient protection



Product Terminal and Dimension Introduction:



- (1) -- Video IN or OUT
- (2) -- Video IN or OUT + (UTP CABLE)
- (3) -- Video IN or OUT - (UTP CABLE)



Product Installation Instructions:

- ◆ Connect the video signal to BNC terminal of transmitter.
- ◆ Selected a pair of UTP Cable (must be same color) connect to the transmitter VIDEO +/- port and receiver VIDEO +/- port
- ◆ Connect the video signal of receiver to display device.

Product Connection Diagram:



Use Notes:

Cable Selection

1. Recommend to choose the standard cables to achieve the excellent image effect.
 - a. Single wire diameter should be above 0.5 mm.
 - b. Resistance of single wire with 100 meters shouldn't exceed 10Ω.
 - c. Cable twist density should reach Cat5 standard.
 - d. Cable flame resistance and flexibility should reach national standard.
2. Suggest you use waterproof type cable to ensure the image effect and long time use in the outdoor environment.
3. For general project application, recommend to use the three pairs of one UTP cable to transmit three signals, letting the remaining one pair lines reserve or for grounding operation.

Cable Connection

1. Twisted-pair cable can't be connected with strong voltage cables together and when connected to the strong current equipment, keep the distance.
2. Cable connection can adopt connector, welding, twist ground, and should ensure that the connection is firm and waterproof.
3. The cable length from camera to transmitter should be as short as possible, permitted within 20 meters.

Product Use

1. Please offer good waterproof since there is no waterproof design for product.
2. There is no difference for transmitter and receiver. They can be used reversely.
3. If devices fail, please do not disassemble or repair by yourself, please contact us timely.