



**TWISTED PAIR VIDEO TRANSMISSION**

**COMPOSITE VIDEO OVER CAT5**

To compliment the advancement of CCTV technology, an economical, long distance, low noise method of camera cable transmission is necessary. Utilising the low cost Cat5 type Twisted-Pair cabling system offers an economical installation solution of quality and distances of as high as 1½Km ! An ideal solution due to the high noise rejection and low crosstalk makes this suitable for most installations including the home, office, factory, concrete or steel.



**CABLE MUST BE UNSHIELDED TWISTED PAIR.**  
 24→16AWG less than 18Ω/100M(DC) 50pF/M

**PASSIVE RECEIVER PAIR CAT-5**

**DIRECT PLUG CAT-5 GOOD FOR 200 METERS**

Converts standard composite video into a balanced signal for transmission along common twisted pair cables (CAT5/6 RJ45). Colour video 200M+ and B&W Video 300M+. Converts Video (BNC male) to Balanced signal (RJ45) for twisted pair runs. 2 Required for Transmit & Receive (1 at each end).



**SOLD EACH TWO ARE REQUIRED**

One for Send and One for receive.  
 Code VB860 each.

**PASSIVE TRANSCEIVER PAIR**

**GOOD FOR UPTO 300M**

No power required  
 Requires 24 AWG or larger gauge Twisted pair cable In/Out Normal TV Composite video BNC Sockets I/O DC-6MHz 1V 75Ω 60dB S/N 300M Just add cable Twisted-pair Only. Transmitter & Receiver supplied.  
 Code VB101 pair.



**PASSIVE RECEIVER PAIR WITH POWER THRU**

**200M+ WITH 12V POWER TRANSFER**

Same as VB860 but also with 12Vdc power transferred for running the cameras, etc. Converts standard composite video into a balanced signal for transmission along common twisted pair cables (CAT5/6 RJ45). Colour video 200M+ and B&W Video 300M+.



**Camera End TX** VB870 each.

**Monitor End RX** With 12Vdc Power Pack. VB870PA each.

**ACTIVE TRANSMITTER - PASSIVE RECEIVER**

**GOOD FOR UP TO 800M**

This kind of transferring method has lots of advantages such as convenient wiring, low-cost cable simple install, high reliability, anti-interference ability, low noise, good transferring effects, and economical system costs. Distance EQ switches for tuning. BNC 1Vpp Video In. BW is 6MHz Requires power 12V to 24V ac/dc.  
 Code VB201 Pair.



**REQUIRES POWER**

ACA2410  
 DCA500R

SEND POWER OVER CAT5 TOO!

**MULTI-CHANNEL VIDEO BALUN SOLUTIONS**

**4 WAY BNC [CUV] ON ONE CAT5**

4CH Send/Receive in one box (200M+). Requires a second box at other end Or run individually to each camera. Compatible with our VB101 Baluns.  
 Code VB9252 each.



**SPECIALIZED RGB & YUV VERSIONS**

Transmit/Receive RGB or YUV (RCA) over CAT5 twisted pair cable 200M+ 3x RCA Sockets to 1x RJ45 Socket. Two units required for send & receive.

**RGB** VB9242 each.

**YUV** VB9243 each.



**ACTIVE TRANSCEIVER PAIR**

**GOOD FOR UP TO 1500M**

With the addition of an active receiver to the active transmitter, incredible distances are achieved. Low cross talk. High noise rejection. Excellent performance to cost ratio. Earth connection for lightning safety. Suit general composite colour video. Requires 24Vac or 12Vdc at BOTH ends. Requires Twisted-Pair (Cat5) Cable. BNC I/O 1Vpp 75Ω DC→6MHz Bandwidth. KIT includes a Transmitter & Receiver.  
 Code VB202 Pair.



**REQUIRES POWER X2**

Power can be transmitted thru the cable.

**TWISTED PAIR CABLE**

**2X TWISTED PAIR (4) BROWN**  
 SEC414 100M Cat3

**3X TWISTED PAIR (6) CREAM**  
 SEC614 100M Cat3

**4X TWISTED PAIR (8) BLUE**  
 "CL" is RJ45 Terminated.

- CL125 10M Cat5
- CL127 15M Cat5
- CL129 20M Cat5
- CL130 25M Cat5
- CL161 50M Cat6
- CNC5100 100M Cat5
- CNC6101 100M Cat6
- CNC5305 305M Cat5
- CNC6306 305M Cat6

