



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 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.



SAVE ON CABLE COSTS!

UPTO 300 Meters!
 W/ CAT5 CABLE Required

REDUCE CABLE NOISE!

VIDEO Send/Receive

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).



Up To 200M
 CAT5 Cable NOT Included

SOLD EACH TWO ARE REQUIRED

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

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
 With 12Vdc Power Pack.
 RX VB870PA
 each.



Up To 200M
 CAT5 Cable NOT Included

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.

VIDEO OVER CAT5 CABLE

SEND POWER OVER CAT5 TOO !



12V/24V TRANSMITTER

REQUIRES POWER

ACA2410
 DCA500R

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.



RJ45 or Hard-Wired CAT5
 4CH

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.



RGB (ONLY)
 RJ45 Cat5
 NOT Suitable for Audio or CUV

YUV (ONLY)
 RJ45 Cat5

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

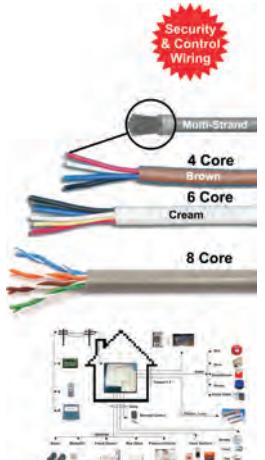
2X TWISTED PAIR (4) BROWN SEC414 100M Cat3

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



Security & Control Wiring

Multi-Strand
 4 Core Brown
 6 Core Cream

8 Core

RJ45 Terminated

House Diagram