



## CatFive® XTS-UTP200-VP

### PRODUCT SPECIFICATIONS

#### PRODUCT FEATURES

- \* Full-motion color video signal up to 1300ft (400m)
- \* monochrome (B&W) up to 1950ft (600m) via UTP cat5e/6
- \* Transmit power signal up to 750ft (250m)
- \* Male BNC with extended mini-coax pigtail
- \* NTSC, PAL & SECAM video format compatible
- \* No power required
- \* Built-in TVS (Transient Voltage Suppressors)
- \* Lightning protection design Grade: III
- \* Compact size and easy installation
- \* 50 dB crosstalk and noise immunity
- \* Exceptional interference rejection



#### DESCRIPTION

The XTS-UTP200-VP video balun is a passive (nonamplified) device that allows the transmission of real-time CCTV video signal via cost-effective Unshielded Twisted Paired (UTP) cable. Baseband (composite) signals of any type are supported used in pairs, XTS-UTP200-VP eliminates costly and bulky coaxial cable, allowing live CCTV color video signal up to 1300ft (400m), power transmission up to 750ft (250m). XTS-UTP200-VP is also compatible with all the other XTS passive transceiver for application at distance up to 1300ft (400m) and active receiver up to 2600ft (900m).

The superior interference rejection and low emissions of the XTS-UTP200-VP allow video signals to coexist in the same wire bundle as telephone, datacom, or low-voltage power circuits. This allows the use of a shared or existing cable plant. XTS-UTP200-VP has built-in surge suppression to protect video equipment against damaging voltage spikes. Its crosstalk and noise immunity ensure quality video signals.



## TECHNICAL SPECIFICATIONS

Video Format	PAL, NTSC, SECAM
Operating Frequency	DC to 5MHz
Max Distance	UTP Category 5e (24AWG) / Color: 1300ft(400m) B&W: 1950ft(600m)
Common-mode/ Common-mode/Difference ntial-mode rejection	15 KHz to 5 MHz / 60 dB type
Impedance	UTP,RJ45 100 ohms
Attenuation	0.5 dB type
Network Wiring	One Unshielded Twisted Pair (for each video signal) 24-16 AWG (0.5-1.31mm)
Category Type	2 or better
Impedance	100 ± 20 ohms
DC Loop Resistance	52 ohms per 1,000ft (18 ohms per 100m)
Differential Capacitance	19 pF/ft max (62 pF/m max)
Power Input	No external power required
Power transmission	12V/24V,DC/AC, up to 750ft(250m) via UTP cat5e/6
Video input/output	Male BNC connector
Video input/output	RJ45 Jack
Surge Protection	Built-in Transient Voltage Suppressor(TVS)
Antistatic	Yes
Dimensions(L*W*H)	65*36*25mm
Housing	ABS engineering plastic
Body Color	Black
Net Weight	50g
Operating Temperature	-25° ~ 75° C
Relative Humidity	0~95% (non-condensing)
Storage Temperature	-40° ~ 150° C
CE	Yes
FCC	Yes
XTS Notice	Specifications Subject to Change Without Prior Notice.
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