

# TT101PVA TURBO

HD-TVI / CVI / AHD Power and Audio Balun



## ► Features

Color Video up to 230m (754ft) for TurboHD 720p  
Color video up to 250m (820ft) for TurboHD 1080p

Audio signal up to 1986ft (600m)

Built-in TVS for surge protection.

Wave filter design, anti-static design.

Lightning protection design grade: III

60dB crosstalk and noise immunity

Exceptional interference rejection

## T-568 Wiring Specifications

Wire	Pin #	Configuration
Green White	1	Video (+)
Green	2	Video (-)
Orange White	3	Audio (+)
Blue	4	Power (-)
Blue White	5	Power (-)
Orange	6	Audio (-)
Brown White	7	Power (+)
Brown	8	Power (+)

## T-568B Wiring Specifications

Wire	Pin #	Configuration
Orange White	1	Video (+)
Orange	2	Video (-)
Green White	3	Audio (+)
Blue	4	Power (-)
Blue White	5	Power (-)
Green	6	Audio (-)
Brown White	7	Power (+)
Brown	8	Power (+)

Camera Type	TurboHD 720p / 1080p			
	12VDC	15VDC	18VDC	24VDC
Power Supply Voltage	12VDC	15VDC	18VDC	24VDC
Voltage at the Camera	9.2VDC	9.2VDC	9.2VDC	9.2VDC
200mA camera	140m	230m	> 250m	> 300m
300mA camera	95m	180m	230m	> 300m
400mA camera	70m	130m	180m	> 270m
500mA camera	55m	110m	170m	> 250m
600mA camera	45m	95m	145m	> 210m
800mA camera	30m	70m	110m	180m
1000mA camera	20m	50m	90m	140m

### Note:

1. The transmitter and receiver must use the same wiring.
2. If you adjust saturation of DVR, video transmission distance could be farther (TurboHD 1080p: max up to 250m (820ft)).
3. If chromatic aberration occurs within 30 meters, please also adjust saturation, the picture will recover perfectly automatically.
4. The above data is only the result of laboratory test; actually distance will depend on the camera's inrush and operating current, minimum operating voltage, the wire's quality and environmental factors.

### Application Diagram

