

TA1001TR (TA1001T and TA1001R)

Long range UTP transmission system

TA1001T
Twisted Pair Transmitter



TA1001R
Twisted Pair Receiver



Features:

- Transmits full motion colour video signal 1200 meters
- Three position range switch for gain selection on transmitter TA1001T
- Two adjustments for colour gain and brightness on receiver TA1001R
- Built in transient protection
- Built in ground lifting
- Power indicator - red LED
- Power supplies included

The TA1001TR UTP transmission system comprises an active transmitter TA1001T and an active receiver TA1001R. The pair are designed for use over CAT5/6 unshielded twisted pair cable up to 1200 meters and not less than 100 meters. For shorter distances up to 600 meters we recommend our passive video transceiver TP1001VLH

The TA1001T acts as a video launch amplifier which converts the unbalanced camera video signal to a balanced signal for transmission along twisted pair cable. It also has a three position switch to change the output gain in order to compensate for cable length.

The TA1001R converts the balanced video signal, on the twisted pair cable, back to an unbalanced signal for display on a monitor screen, for example. It also acts as a line correction amplifier with two adjustments for colour and brightness.

TA1001T

Video Input	1 Vp-p - 75 ohm BNC connector
Frequency Response	dc to 5Mhz
Common Mode Rejection	15Khz to 5Mhz 60dB
DC voltage	12 Vdc
DC current	40 mA max.
Dimensions (WxHxD mm)	49X42X45

TA1001R

Video Output	1 Vp-p - 75 ohm BNC connector
Frequency Response	dc to 5Mhz
Common Mode Rejection	15Khz to 5Mhz 60dB
DC voltage	12 Vdc
DC current	40 mA max.
Dimensions (WxHxD mm)	49X42X45

