

VP-300T

1:2 COMPUTER GRAPHICS VIDEO DISTRIBUTION AMPLIFIER WITH TWISTED PAIR TRANSMITTER



DESCRIPTION

- High Bandwidth - 439MHz (- 3dB).
- HDTV Compatible.
- Twisted Pair Connectors - RJ-45 connectors.
- ID Bit Control.
- Twisted Pair Output - Requires a computer graphics video twisted pair receiver to convert the twisted pair signal back into a computer graphics video signal.
- System Range (CAT 5) - Up to 100 meters (320').
- Cable (Twisted Pair) - UTP (unshielded twisted pair) such as CAT 5.
- Compact Size - Part of the Kramer TOOLS™ family of compact, high quality and cost effective solutions.

SPECIFICATIONS

INPUTS:	1 XGA on an HD15 connector.
OUTPUTS:	2 XGA on HD15 connectors 1 RJ-45 connector.
MAX OUTPUT LEVEL:	1.9Vpp.
BANDWIDTH (- 3DB):	439MHz.
DIFF. GAIN (PAIR):	0.05%.
DIFF. PHASE (PAIR):	0.05 Deg.
K-FACTOR (PAIR):	< 0.05%.
S/N RATIO (PAIR):	76dB.
CONTROLS:	LEVEL: - 8.9dB to 3.9dB (CAT5); EQ.: 0 to 30dB (CAT5).
COUPLING:	DC (XGA), AC (CAT5).
POWER SOURCE:	12VDC, 130mA.
DIMENSIONS:	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98", W, D, H)
WEIGHT:	0.3kg. (0.67lbs.) approx.
ACCESSORIES:	Power supply.

The VP-300T is a high performance distribution amplifier for computer graphics video signals with resolutions ranging from VGA through UXGA and higher. It takes one input, provides correct buffering and isolation, and distributes the signal to two computer graphics video outputs and one twisted pair output.

