TP-114

1:4 COMPUTER GRAPHICS VIDEO / HDTV OVER TWISTED PAIR TRANSMITTER

COMPATIBLE WITH HDTV COMPONENT VIDEO SIGNALS WHEN USED WITH A BREAKOUT CABLE SUCH AS THE KRAMER C-GM/3RVF.

Compact Kramer TOOLS™ units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter. Additional rack adapters with other configurations are also available.

DESCRIPTION
The TP-114 is a high performance distribution amplifier for computer graphics video or HDTV signals. It converts a computer graphics video or HDTV signal on a 15-Pin HD connector to four identical twisted pair signals.

- Resolution - Up to UXGA.
- Looping Input.
- HDTV Compatible.
- Sync Polarity Settings - H & V switches for improved display compatibility.
- Power Connect™ System - Only one unit in a system, the transmitter or the receiver needs to be connected to a power source.
- Long System Range - Up to 100 meters (330 feet). Greater distances possible depending on signal resolution and cable.
- Cable Type - Uses UTP or STP (unshielded/shielded twisted pair) cable such as CAT 5.
**SPECIFICATIONS**

**INPUT:**
1 XGA on an 15-Pin HD F connector

**OUTPUTS:**
1 XGA on an 15-Pin HD F connector; 4 RJ-45 OUT connectors

**MAX. OUTPUT LEVEL:**
1.8Vpp (XGA), 1.6Vpp (CAT 5)

**HIGHEST RESOLUTION:**
UXGA, 1080p

**DIFF. GAIN:**
0.03% (XGA), 7% (CAT 5)

**DIFF. PHASE:**
0.05° (XGA), 0.08° (CAT 5)

**K-FACTOR:**
<0.05% (XGA), 0.3% (CAT 5)

**S/N RATIO:**
75dB (XGA), 73dB (CAT 5)

**CONTROLS:**
2 switches for sync inversion

**COUPLING:**
DC (XGA), AC (CAT 5)

**POWER SOURCE:**
12VDC 880mA

**DIMENSIONS:**
12cm x 7.15cm x 2.76cm (4.7" x 2.8" x 1.08") W, D, H.

**WEIGHT:**
0.3kg (0.67lbs) approx.

**ACCESSORIES:**
Power supply