

Twisted Pair Family with EMP Protection – “od” Line

Kramer’s new “od” family of twisted pair transmitters and receivers for computer graphics video now includes EMP protection. The electromagnetic pulse of nearby lightning strikes can damage sensitive electronic equipment by inducing high momentary surge voltages. Systems with outdoor runs of signal cable are very susceptible to EMP damage.

Kramer’s “od” family was especially designed to protect twisted pair transmitter/receiver systems installed in areas of high electrical storm activity. (The “od” family is designed for indoor installation and should be suitably protected against direct lightning strikes.)

PT-110-od/TP-120-od - Computer Graphics Video over Twisted Pair Transmitter & Receiver

TP-121-od/TP-122-od - Computer Graphics Video & Stereo Audio over Twisted Pair Transmitter & Receiver

TP-123-od/TP-124-od - Computer Graphics Video, Stereo Audio & Data (Unidirectional) over Twisted Pair Transmitter & Receiver

TP-125-od/TP-126-od - Computer Graphics Video, Stereo Audio & Data (Bidirectional) over Twisted Pair Transmitter & Receiver



PT-572+ HDMI over Twisted Pair Receiver



The **PT-572+** is a twisted pair receiver for HDMI signals. The PT-571 converts an HDMI signal to a single twisted pair signal and the **PT-572+** converts the twisted pair signal back to an HDMI signal.

FEATURES

- Max. Data Rate - 1.65Gbps.
- HDTV Compatible.
- HDCP Compliant.
- HDMI Support - HDMI (V.1.4 with 3D, Deep Color, x.v.Color™, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD).
- 3D Pass-Through.
- System Range - Up to 90m (295ft) at 1080i, or up to 30m (98ft) at 1080p on shielded BC-DGKat524 cable. Up to 90m (295ft) at 1080i, or up to 70m (230ft) at 1080p on shielded BC-DGKat623 cable. Up to 100m (330ft) at 1080i or up to 90m (295ft) at 1080p on shielded BC-DGKat723 cable.
- Cable - Requires Shielded Twisted Pair (STP) cable. For optimum range and performance use, use Kramer’s BC-DGKat524, BC-DGKat623 and BC-DGKat723 cables. Note that the transmission range depends on the signal resolution, graphics card and display used. The distance using non-Kramer CAT 5, CAT 6, and CAT 7 cables may not reach these ranges. Use only shielded cable where both ends of the shield are soldered to ground.
- EDID PassThru - Passes EDID/HDCP signals from source to display.
- Status LED - Lights red when receiving power only, orange when output and power are attached, and yellow when both an active input and output are attached.
- Power Connect™ System - A single connection to the transmitter or the receiver powers the system when the devices are within 270ft (90m) of each other.
- Ultra-Compact Pico TOOLS™ - 4 units can be rack mounted side-by-side in a 1U rack space with the optional RK-4PT rack adapter.

