

PT-571

HDMI over Twisted Pair Transmitter



The PT-571 is a DGKat™ twisted pair transmitter 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 - 4.95Gbps (1.65Gbps per graphic channel).
- HDTV Compatible.
- HDCP Compliant.
- DGKat™ Signal Integration - Kramer's unique technology for converting TMDS as well as control and communication to signals that run over twisted pair cables. We strongly recommend using Kramer DGKat™ cables designed specifically for optimum performance.
- HDMI Support.
- 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-DGKat7a23 cable.
- Cable - Requires shielded twisted pair (STP) cable. For optimum range and performance use, use Kramer's BC-DGKat524, BC-DGKat623 and BC-DGKat7a23 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 signals between the source and 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 powers the receiver.
- 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.

PT-571

TECHNICAL SPECIFICATIONS

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| INPUTS: | 1 HDMI connector. |
| OUTPUTS: | 1 DKGat twisted pair RJ-45 connector. |
| BANDWIDTH: | 4.95Gbps (1.65Gbps per graphic channel). |
| COMPLIANCE WITH HDMI STANDARD: | Supports HDMI and HDCP. |
| POWER CONSUMPTION: | 12V DC, 250mA (transmitter and receiver together). |
| DIMENSIONS: | 6.2cm x 5.2cm x 2.4cm (2.4" x 2.1" x 1") W, D, H. |
| WEIGHT: | 0.14kg (0.3lbs). |
| INCLUDED ACCESSORIES: | Power supply. |
| OPTIONS: | RK-4PT 19" rack adapter. |

