



TP-953

DVI & Audio over Twisted Pair Transmitter



The TP-953 is a twisted pair transmitter for DVI video and unbalanced stereo, S/PDIF or TOSLINK® audio signals. The TP-953 converts the input signals to a twisted pair signal and the TP-954 converts the twisted pair signal back into DVI video and unbalanced stereo, S/PDIF and TOSLINK® audio simultaneously.

FEATURES

- **Max. Data Rate** - 4.95Gbps (1.65Gbps per graphic channel).
- **Max. Resolution** - WUXGA & 1080p.
- **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.
- **Video Input** - 1 DVI.
- **Audio Inputs** - Stereo, S/PDIF, TOSLINK®.
- **Outputs** - 2 CAT 5.
- **Indicator LEDs** - Input & Output.
- **System Range** - Up to 90m (295ft) at XGA or up to 30m (98ft) at WUXGA on shielded BC-DGKat524 cable.
Up to 60m (197ft) at SXGA on shielded BC-DGKat623 cable.
Up to 60m (197ft) at SXGA 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.
- **Compact MultiTOOLS®** - 4 units can be rack mounted side-by-side in a 1U rack space with the optional RK-1 universal rack adapter.



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TECHNICAL SPECIFICATIONS

INPUTS:	1 DVI on a 24-pin Molex connector, 1 analog audio on a 3.5mm mini jack, 1 S/PDIF on an RCA connector, 1 optical on a TOSLINK® connector.
OUTPUTS:	2 CAT 5 OUT on RJ-45 connectors.
MAX. DATA RATE:	4.95Gbps (1.65Gbps per graphic channel).
INDICATORS:	IN, OUT, ON LEDs (green).
POWER CONSUMPTION:	12V DC, 460mA.
DIMENSIONS:	10.7cm x 10.4cm x 4.4cm (4.2" x 4.1" x 1.7") W, D, H.
WEIGHT:	0.33kg (0.73lbs).
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	19" rack mount adapter.

