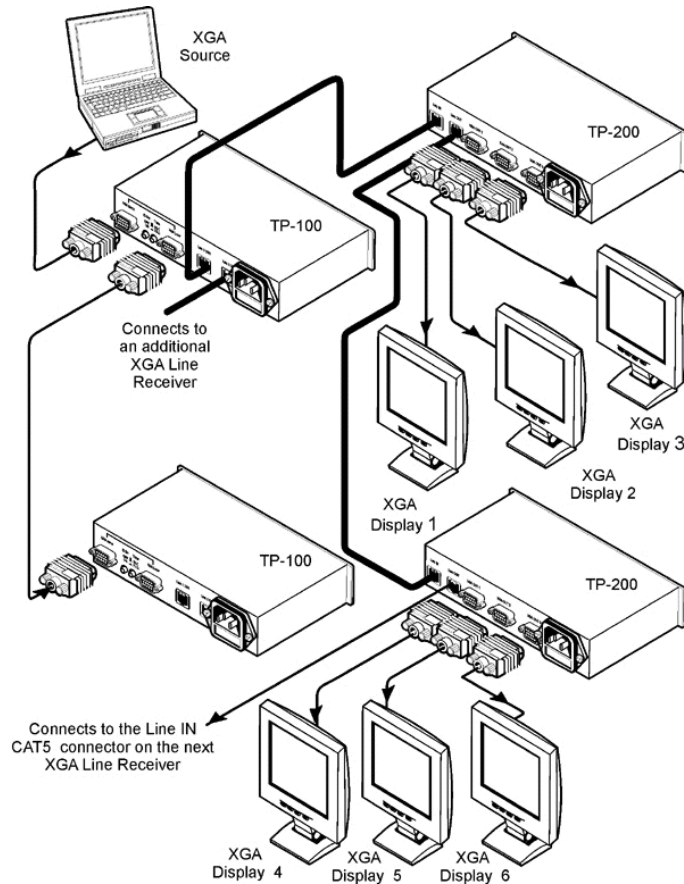


**TP-100****VGA/XGA TWISTED PAIR BRANCHING TRANSMITTER**

The TP-100 and TP-200 are a branching twisted pair transmitter and receiver for computer graphics video signals. The TP-100 transmitter will convert a computer graphics video signal into 2 twisted pair output signals and each TP-200 receiver will convert a twisted pair signal back into three identical computer graphics video signals.

**DESCRIPTION**

- Resolution: Up to UXGA
- HDTV Compatible.
- Twisted Pair Inputs/Outputs - RJ-45.
- Branching Outputs - 2 Twisted Pair (TP-100) and 3 Computer Graphics (TP-200).
- Looping Input (TP-100).
- Selectable Input Signal Termination (TP-100).
- ID Bit Control (TP-100).
- EQ (Peaking) Controls (TP-100/TP-200).
- System Range - Up to 100 meters (320').
- Cable - UTP (unshielded twisted pair) such as CAT5.
- H/V Stabilizing Circuitry.
- Desktop Size - Compact size. Two units can be rack mounted side-by-side in a 1U rack space with the optional RK-80 adapter.

SPECIFICATIONS

INPUTS: 1XGA input on an HD15F connector; 1XGA loop on an HD15F connector.

OUTPUTS: 2 UTP CAT5 connector (Line 1 OUT; Line 2 OUT).

MAX. OUTPUT LEVEL: 1.5Vpp / 75Ω.

DIFF. GAIN (PAIR): 0.23% (optimum).

DIFF. PHASE (PAIR): 0.19Deg (optimum).

K-FACTOR (PAIR): < 0.5% (optimum).

S/N RATIO (PAIR): 70dB.

RESOLUTION: Up to UXGA.

RANGE: Up to 150m with CAT5 UTP.

CONTROLS: (30m): Line Out E.Q.: 0 to 7.8dB @ 20MHz.

COUPLING: DC.

POWER SOURCE: 230VAC, 50/60Hz. (115VAC, U.S.A) 13VA.

DIMENSIONS: 22cm x 18cm x 4.5cm (8.6" x 7" x 1.8") W, D, H.

WEIGHT: 1.2kg. (2.65 lbs.) approx.

ACCESSORIES: Power cords.

OPTIONS: 19" rack adapters RK-80 (holds two units).