

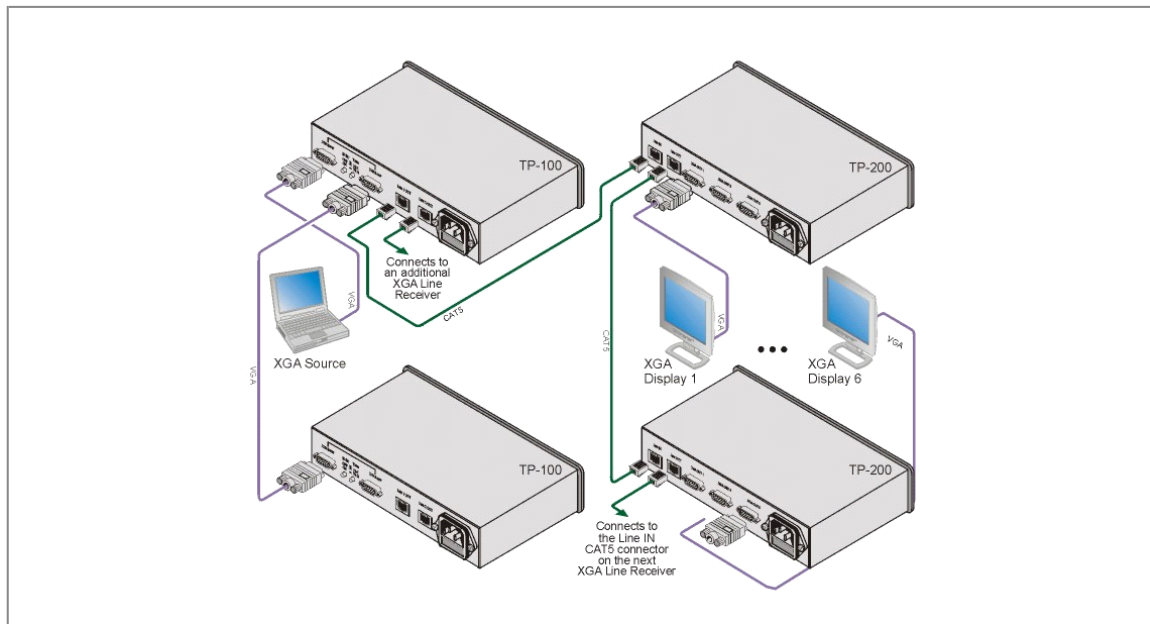


TP-100

Computer Graphics Video over Twisted Pair Branching Transmitter



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





TP-100

FEATURES

- Max. Resolution - WUXGA.
- Twisted Pair Inputs/Outputs - RJ-45.
- Branching Outputs - 2 Twisted Pair (TP-100).
- Looping Input.
- Selectable Input Signal Termination.
- ID Bit Control.
- EQ (Peaking) Controls.
- System Range - Up to 100m (320ft).
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- 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-1 adapter.

TECHNICAL SPECIFICATIONS

INPUT:	1 XGA input on a 15-pin HD (F) connector; 1 XGA loop on a 15-pin HD (F) connector.
OUTPUTS:	2 UTP CAT 5 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.
MAX. RESOLUTION:	WUXGA.
RANGE:	Up to 150m with CAT 5 UTP.
CONTROLS:	(30m): Line Out E.Q.: 0 to 7.8dB @20MHz.
COUPLING:	DC.
POWER SOURCE:	230V AC, 50/60Hz. (115V AC, USA) 13VA.
DIMENSIONS:	22cm x 18cm x 4.5cm (8.6" x 7" x 1.8") W, D, H.
WEIGHT:	1.2kg (2.65lbs) approx.
ACCESSORIES:	Power cords.
OPTIONS:	RK-1 19" rack adapter.