



TP-1xl

Composite Video over Twisted Pair Transmitter



The **TP-1xl** and TP-2xl are a twisted pair transmitter and receiver for composite video signals. The **TP-1xl** transmitter converts a composite video signal to a twisted pair signal and the TP-2xl receiver converts the twisted pair signal back into a composite video signal.

FEATURES

- **Bandwidth** - 13MHz (-3dB) at 300 meters (960').
- **Twisted Pair Input/Outputs** - Terminal Block Connector.
- **Level (Gain) and EQ (Peaking) Controls** (TP - 1xl/TP-2xl).
- **System Range** - Up to 1000m (3200ft).
- **Cable** - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- **Desktop Size** - Compact size. Two units can be rack mounted side-by-side in a 1U rack space with the optional RK-1 adapter.



TP-1xl

TECHNICAL SPECIFICATIONS

INPUT:	1 composite video, 1Vpp/75Ω on a BNC type connector.
OUTPUT:	4-pin detachable terminal block.
VIDEO BANDWIDTH (-3dB):	13MHz. at 300 meters.
DIFF. GAIN:	2 % (@ 20 meters).
CONTROL:	0.9Deg (@ 20 meters).
VIDEO S/N RATIO:	73dB (@ 20 meters).
SYSTEM DELAY:	< 1 microsecond TYP. at 100 meters.
CONTROLS:	Gain: - 3 to + 4.4dB; EQ.: - 16 to + 9.9dB @ 4.4MHz.
POWER SOURCE:	230V AC, 50/60Hz, (115V AC, USA) 4VA each.
DIMENSIONS:	16.5cm x 12cm x 4.5cm (6.5" x 4.7" x 1.8", W, D, H.).
WEIGHT:	0.7 kg. (1.6 lbs.) approx.
ACCESSORIES:	Power cord (each).
OPTIONS:	RK-1 19" rack adapter.

