



## 705xl

### Composite Video over Twisted Pair Branching Transmitter

---



The **705xl** is a twisted pair transmitter for composite video signals. The **705xl** converts a composite video signal to two twisted pair signals and the **706xl** receiver converts the twisted pair signals back into two composite video signals.

### FEATURES

---

- Bandwidth - 108MHz (-3dB).
- Twisted Pair Input/Outputs - Terminal block connector.
- Looping Input.
- Level (Gain) and EQ (Peaking) Controls.
- Selectable Input Signal Termination.
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- System Range - Up to 1000m (3200ft).

## TECHNICAL SPECIFICATIONS

INPUT:	1 composite video 1Vpp/75Ω on a BNC connector; 1 loop 1Vpp/75Ω on a BNC connector.
OUTPUT:	2 twisted pair outputs on terminal block connectors.
BANDWIDTH (-3DB):	108MHz (-3dB).
DIFF. GAIN (PAIR):	0.08%.
DIFF. PHASE (PAIR):	0.07Deg.
K-FACTOR (PAIR):	3.1%.
S/N RATIO(PAIR):	57dB.
GAIN (EQ.):	0 to 3.5dB @5MHz.
COUPLING:	DC.
POWER CONSUMPTION:	12V DC, 200mA.
INCLUDED ACCESSORIES:	Power supply, mounting bracket.
OPTIONS:	RK-3T 19" rack adapter.
PRODUCT DIMENSIONS:	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96" ) W, D, H
PRODUCT WEIGHT:	0.2kg (0.4lbs) approx.
SHIPPING DIMENSIONS:	23.20cm x 12.00cm x 8.90cm (9.13" x 4.72" x 3.50" ) W, D, H
SHIPPING WEIGHT:	0.5kg (1.1lbs) approx.

