

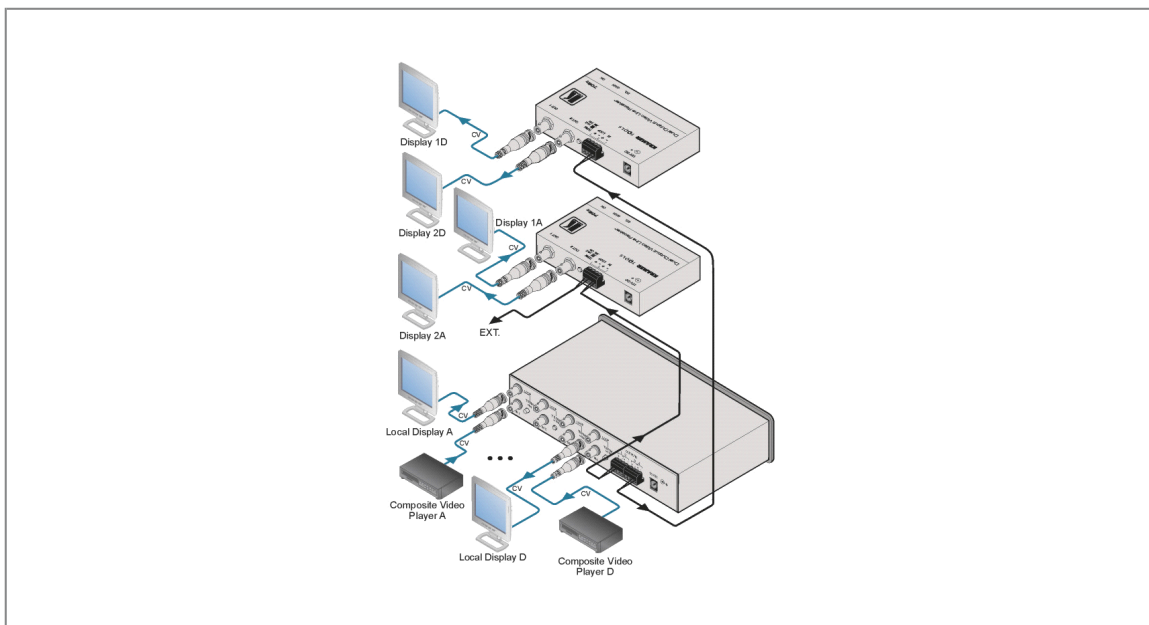


703xl

4 Composite Video over 4 Twisted Pair Transmitter



The **703xl** is a twisted pair transmitter for composite video signals. It will convert up to 4 composite video inputs to 4 twisted pair outputs which will be converted back to composite video when used in conjunction with the 706xl twisted pair receiver.





703xl

FEATURES

- **Bandwidth** - 12MHz (-3dB) at 300 meters (980').
- **Twisted Pair Output** - Terminal block connector.
- **Level (Gain) and EQ (Peaking) Controls.**
- **Looping Input.**
- **Selectable Input Signal Termination.**
- **System Range** - Up to 1000 meters (3200').
- **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.

TECHNICAL SPECIFICATIONS

| | |
|---------------------|---|
| INPUT: | 4 composite video 1Vpp/75Ω on BNC connectors; 4 Loop 1Vpp/75Ω on BNC connectors. |
| OUTPUT: | 4 terminal block connectors. |
| BANDWIDTH (-3dB): | 12 MHz -3dB (broadcast quality signal) at a distance of 300 meters (over 960 ft); 53 MHz. at a distance of 100 meters(over 320 ft). |
| DIFF. GAIN (PAIR): | 0.08%. |
| DIFF. PHASE (PAIR): | 0.07 Deg. |
| K-FACTOR (PAIR): | 3.1%. |
| S/N RATIO (PAIR): | 57dB. |
| GAIN (EQ.): | 0 to 3.5dB @ 5MHz. |
| COUPLING: | DC. |
| POWER SOURCE: | 12V DC, 200mA. |
| DIMENSIONS: | 22cm x 18cm x 4.5 cm (8.7" x 7" x 1.7") W, D, H (half 19", 1U). |
| WEIGHT: | 1.2 kg. (2.65 lbs.) approx. |
| ACCESSORIES: | Power supply, mounting bracket. |
| OPTIONS: | 19" rack adapter RK-1. |