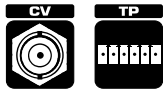


# 703xl

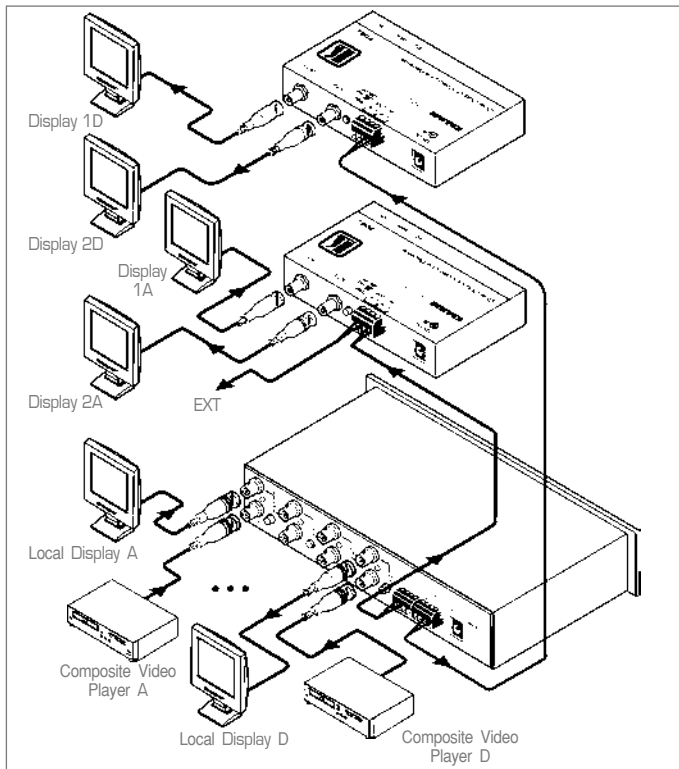
## 4 Composite Video over Twisted Pair Transmitter



### FEATURES

- **Bandwidth** - 12MHz (-3dB) at 300 meters (980').
- **Twisted Pair Output** - Terminal block connector.
- **Level (Gain) and EQ (Peaking) Controls.**
- **Looping Inputs.**
- **Selectable Input Signal Termination.**
- **System Range** - Up to 1000 meters (3200').
- **Cable** - UTP (unshielded twisted pair) such as CAT5.
- **Desktop Size** - Compact size. Two units can be rack mounted side-by-side in a 1U rack space with the optional RK-80 adapter.

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.



### TECHNICAL SPECIFICATIONS

- |                            |  |
|----------------------------|--|
| <b>INPUTS:</b>             | 4 composite video<br>1Vpp/75Ω on BNC connectors;<br>4 Loop 1Vpp/75Ω on BNC<br>connectors.  |
| <b>OUTPUTS:</b>            | 4 terminal block connectors.   |
| <b>RANGE:</b>              | 12MHz - 3dB (broadcast<br>quality signal)<br>at a distance of 300 meters<br>(over 960 ft); 53MHz at a<br>distance of 100 meters<br>(over 320ft). |
| <b>DIFF. GAIN (PAIR):</b>  | 0.08%.   |
| <b>DIFF. PHASE (PAIR):</b> | 0.07 Deg.  |
| <b>K-FACTOR (PAIR):</b>    | 3.1%.  |
| <b>S/N RATIO (PAIR):</b>   | 57dB.  |
| <b>GAIN (EQ.):</b>         | 0 to 3.5dB @ 5MHz.   |
| <b>COUPLING:</b>           | DC.  |
| <b>POWER SOURCE:</b>       | 12VDC, 200mA.  |
| <b>DIMENSIONS:</b>         | 22cm x 18cm x 4.5 cm<br>(8.7" x 7" x 1.7") W, D, H<br>(half 19", 1U).  |
| <b>WEIGHT:</b>             | 1.2kg. (2.65lbs.) approx.  |
| <b>ACCESSORIES:</b>        | Power supply, mounting bracket.  |
| <b>OPTIONS:</b>            | 19" rack adapter RK-80.  |

