711N
Composite Video & Stereo Audio over
Twisted Pair Transmitter

The 711N is a twisted pair transmitter for composite video and unbalanced stereo audio signals. The 711N transmitter converts composite video and stereo audio to a twisted pair signal and the 712N receiver converts the twisted pair signal back into composite video and stereo audio signals.

FEATURES

- **Bandwidth**: 85MHz −3dB
- **Twisted Pair Input/Outputs**: RJ−45 connectors
- **Looping Input**: 712N (RJ−45)
- **Selectable Input Signal Termination**: 712N
- **Level (Gain) and EQ (Peaking) Controls**: 712N
- **Power Connect™ System**: A single connection to the transmitter or the receiver powers both units when the devices are within 150ft (50m) of each other
- **System Range**: Up to 400m (1200ft)
- **Cable**: UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5
**TECHNICAL SPECIFICATIONS**

**INPUT:**
- 1 composite video 1Vpp/75Ω, on a BNC connector; 1 stereo unbalanced audio 4dBu/50kΩ, on two RCA connectors

**OUTPUT:**
- 1 RJ−45 CAT 5 shielded connector (LINE OUT)

**VIDEO MAX. SIGNAL LEVEL:** 2.8Vpp

**AUDIO MAX. SIGNAL LEVEL:** 7.6Vpp

**VIDEO BANDWIDTH (-3dB):** 85MHz

**AUDIO BANDWIDTH (-3dB):** >100kHz

**DIFF. GAIN:** 0.04%

**DIFF. PHASE:** 0.25Deg

**K-FACTOR:** 0.1%

**VIDEO S/N RATIO:** 75dB

**AUDIO S/N RATIO:** 77dB

**AUDI0 CROSSTALK (all hostile):** −53dB @5MHz, video into audio

**VIDEO COUPLING:** DC

**AUDIO COUPLING:** Input: AC; line output: DC

**AUDIO THD + NOISE:** 0.026%, 1kHz

**AUDIO 2nd HARMONIC:** 0.001% @1kHz

**POWER CONSUMPTION:** 12V DC 50mA, when 712N is fed by an independent 12V supply; 135mA when feeding 712N

**INCLUDED ACCESSORIES:** Power supply, mounting bracket (each)

**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