# AV790 Series

# Audio Video Camcorder Balun





**AUDIO/VIDEO CAMCORDER**

**RECEIVING EQUIP. OR MONITOR**

**ETS AV790 SERIES**

**ETS AV790 SERIES**

**UTP**

**TYPICAL USE DIAGRAM**

**VIDEO/AUDIO CORD SET**
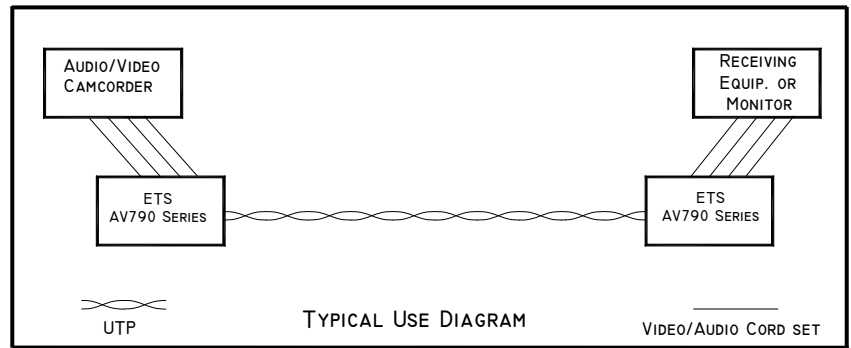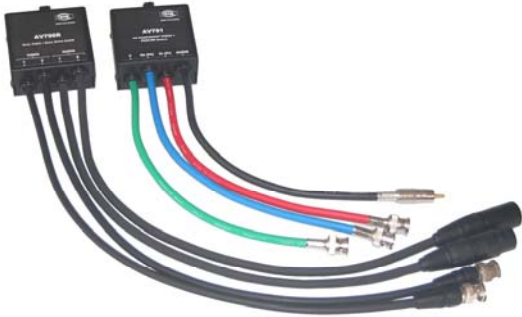
| Features/Advantages | Description | Applications |
|---|---|---|
| • Sends both video camcorder & audio signals on UTP<br>• Increased pixel resolution (bandwidth 270 MHz)<br>• Passive unit (needs no external power)<br>• Meets FCC Class A standards<br>• Superior signal balance; reduces crosstalk, ingress, and ghosting<br>• Can utilize existing telecom wiring<br>• Sturdy compact metal case<br>• Made in USA; 100% tested | The **ETS AV790 Series** of **video camcorder and audio baluns** enable video cameras to send HD component signals, composite video signals, and analog audio signals over a single CAT5, CAT5E, or CAT6 UTP cable!<br><br>Optional configurations: four composite video, HD component video + audio and dual composite video/dual mono-audio. Used in pairs, the ETS baluns support 480p to 1080p video formats.<br><br>ETS has designed a custom part for a customer for use with SetCom™ devices. The **AV790, AV794,** and **AV796** models used in this application are both highly cost-effective and quickly and neatly installed. The single UTP cable replaces more costly and much heavier coaxial cables. | • Broadcast/recording studios<br><br>• Production and post-production facilities<br><br>• Conference rooms<br><br>• Music video locations or stages<br><br>• Motion picture production<br><br>• Amusement park live productions |

## Specifications

| | |
|---|---|
| Bandwidth | Flat to 270 MHz (video per channel)<br>10 Hz to 20 KHz (analog audio) |
| Common Mode Rejection | >50dB (video) |
| Impedance | 600:600 (analog audio) |
| Isolation | 500 V (analog audio) |
| Connectors | MBNC or RCA plug and XLR to Ethercon RJ45 jack |
| Distance | Up to 500 ft (component video)<br>Over 1000 ft (composite video) |
| Dimensions | 70mm x 66mm (+ pigtail) x 36mm |
| Net Weight | 0.30 kg - AV791; 0.45 kg - AV792 |

## Product Ordering Information

| | |
|---|---|
| AV791 | HD Component + Analog Audio, (3) MBNC + (1) RCA plug 10" pigtail to Ethercon RJ45 jack, all pins |
| AV792 | HD Component + Analog Audio, (3) MBNC + 1 RCA plug 18" long pigtail to Ethercon RJ45 jack, all pins |
| AV790 | Set of AV790T & AV790R |
| AV790T | Dual Video/Dual Analog Audio, (2) MBNC + (1) RCA plug, 2 ft + (1) MXLR, 3 ft long pigtail to Ethercon RJ45 jack, all pins |
| AV790R | Dual Video/Dual Analog Audio, (2) MBNC + (1) MXLR, (1) FXLR, 3 ft pitgail to Ethercon RJ45 jack, all pins |
| AV794 | Set of AV794T & AV794R |
| AV794T | Dual Video/Dual Mono Audio (2) MBNC + (1) MXLR + (1) FXLR, 2 ft pigtail to Ethercon RJ45 jack, all pins |
| AV794R | Dual Video/Dual Mono Audio (2) MBNC + (1) FXLR + (1) MXLR, 3 ft pigtail to Ethercon RJ45 jack, all pins |
| AV796 | Set AV796T & AV796R |
| AV796T | Dual Video/Dual Mono Audio (2) MBNC + (1) MXLR + (1) FXLR, 16 " pigtail to Ethercon RJ45 jack, all pins |
| AV796R | Dual Video/Dual Mono Audio (2) MBNC + (1) FXLR + (1) MXLR, 16 " pigtail to Ethercon RJ45 jack, all pins |
| PV790 | Quad Video, (4) MBNC 1 ft pigtail to Ethercon RJ45 jack, all pins |
| PV791 | Quad Video, (4) MBNC 2 ft pigtail to Ethercon RJ45 jack, all pins |

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