



HDMI Balun with IR Over Single Cat5e/ Cat6 Cable (Sold in Pairs)

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Model: 40-2000-IR

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40-2000-IR | HDMI Extender with IR Over Single Cat5e/ Cat6 Cable - Sold as a Pair

The 40-2000-IR balun provides a single UTP category 5e/6 cable solution to deliver pristine digital signals from all HDTV formats and signal sources from 480i/p to 1080i/p. Balun technologies are perfect solutions for replacing a standard HDMI cable that is limited to much shorter distances and difficult to route thru walls and cabinets. Balun technology also offers many advantages when HDTV video technology changes by installing new updated video baluns with the latest technology. This balun provides bidirectional IR control with independent IR RX and IR TX jacks.

Technical Notes:

- Works with UTP 568A (End to End) or 568B (End to End) wiring formats.

Specifications:

- **HDTV Resolutions:**
- **Digital Audio:** Dolby TrueHD, DTS-HD Master Audio
Cat5e 62M (200 ft. max) 480i/p, 720p, 1080i
Cat5e 33M (110 ft. max) up to 1080P
Cat6 46M (150 ft. max)@1080p @ 24/50/60Hz
- **Connectors: (Transmitter, Receiver):**
1 x 19 pin HDMI Female Jack, 1 x RJ45 Shielded Jack,
1 x 2.1mm DC Coax Power jack, each unit,
2 x 3.5mm IR RX jacks, 2 x 3.5mm IR TX jacks
- **DC Power Supply:** 2 x 5V, 1 Amp Regulated
- **USB Power Adapter:** 1 x USB Power Interface Cable
- **IR Receivers:** 2 x Receivers
- **IR Interface Cable:** 1 x 40-IRC Adapter (M-F)
- **IR Transmitters:** 2 x Non Flashing Emitters
- **Weight: Transmitter:** 125g/ Receiver: 125g
- **Balun Transmitter:** L-3.34" x W-1.94" x H-.94"
- **Balun Receiver:** L-3.34" x W-1.94" x H-.94"
- **Chassis Color:** Black

Please Note!

- Some distances may vary and are dependent on manufactures individual HDMI specifications. All products should be fully tested prior to committing to a UTP Cat5e, Cat6 solution and sealing long runs of cables inside walls, possibly compromising your installation.

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