

**Install Wire**



Step 1: The BL4850 incorporates a transparent cover which opens to allow access to the Cat-5 wire connector. The cover flips up easily by inserting your fingernail under the two hooks behind the cover and gently pulling upwards.



Step 2: Hold straightened wire pair\* approximately 3/4 of an inch from the end, and insert firmly (with a slight upward motion) into rectangular opening just below "+" and "-" symbols. **NO NEED TO STRIP THE WIRES!**

\*Designed for use with solid 24 AWG wire.



Step 3: Close cover firmly until completely closed. The correct wire placement in the connector can be observed when cover is closed and the self-contained IDC connection will be complete.

*It's a Snap!™*

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PATENTED



**Model BL4850  
Features**

- Exceptionally compact
- Tool-less, installs in seconds
- Two stage surge protection
- UL Listed for the U.S. and Canada
- High performance - advanced balun design
- No Wire Stripping Required
- UTP strain relief
- CE Compliance

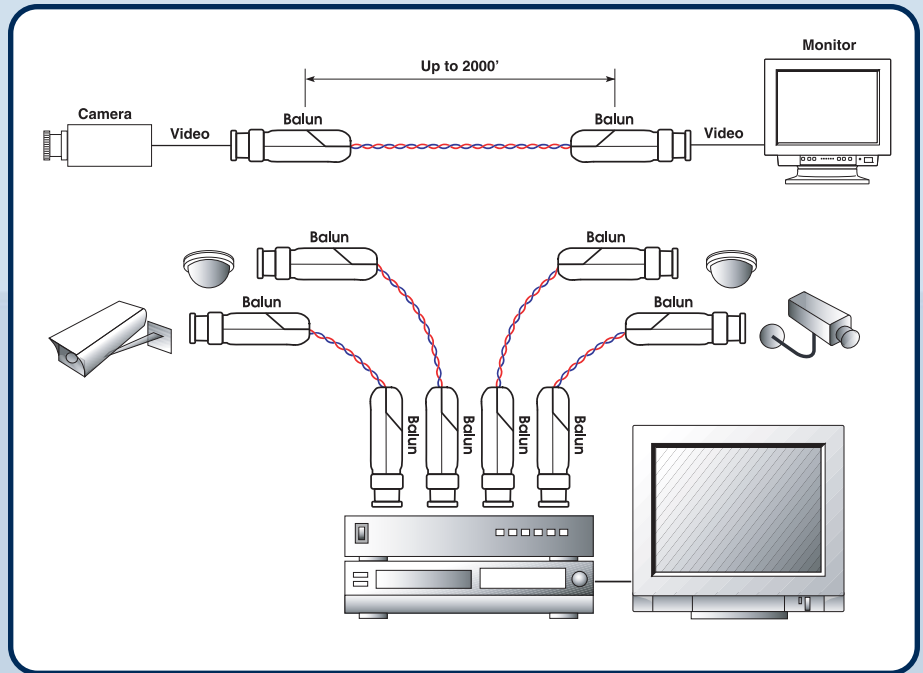
The BL4850 is a UTP (Cat5) video balun unlike any other. Its revolutionary advanced design requires **NO TOOLS** and connects in seconds.

The BL4850's exceptional interference rejection insures that crosstalk is practically eliminated. The video signal can share the same cable bundle as power, data, audio and other video signals, up to 2000 feet\*. It supports up-the-coax control signals up to 1000 feet.

Two stage surge suppression provides added protection against transient voltage spikes.

**For more information, please contact:**

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**Specifications**

<b>Video</b>	Bandwidth	DC to 8 MHz
	Maximum Input	1.1vp-p
	Format	NTSC, PAL, SECAM
	Insertion Loss	<1 dB
	Return Loss	-20 dB
	Common Mode Rejection	-50 dB
<b>Distance</b>	Using Cat 5 cable	Up to 2000 feet*
<b>Wire</b>	Unshielded Twisted Pair	Cat 2, 3 5 or better, 24 gauge solid copper twisted pair wire
<b>Impedance</b>	BNC Connector Side	75 ohms
	UTP Connector Side	100 ohms
<b>Environment</b>	Temperature Operating	0 to +55 C
	Temperature Storage	-20 to +85C
	Humidity (non condensing)	0 to 95%
<b>Mechanical</b>	Size (LxWxH in inches)	2 1/8 x 11/16 x 9/16
<b>Warranty</b>	Limited Lifetime	
<b>Regulatory</b>	UL/CUL, CE, RoHS	
	Flammability	94V-0
	Patented	

\* Distance will vary depending on cable quality

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