

HDMI-EZ Cable Termination Guide

The HDMI-EZ termination system consists of a uniquely designed connector assembly and crimp tool that uses the reliable IDC (Insulation Displacement Connection) termination process to quickly and easily terminate HDMI 28 or 30 gauge cables in the field.

Required Components



Top Wire Holder
(10 conductors)
Bottom Wire Holder
(9 conductors)



Connector Core



Top Body (L)



Bottom Body (R)



Top Hood (L)



Bottom Hood (R)



Step 1: Preparation of the Cable

- Strip and remove 1 ¼" of the outer jacket
- Twist together the remaining shield with drain wire
- Remove the overall foil shield, plastic wrap and foil shield from the 4 twisted pairs
- Fan out and separate the conductors for each wire holder based on color code shown below

Step 2: Inserting the Conductors

- There are two (2) wire holders used to group the connections prior to crimping. The top wire holder has 10 conductors, the bottom one uses 9 conductors. Gently insert the individual wires separately one by one through the designated wire holder according to conductor chart below
- Slide each wire holder as far down on as it can go



Top Wire Holder 10 Conductors Left to Right			Bottom Wire Holder 9 Conductors Left to Right	
1	White	Red & White Pair	1	Pink Individual Conductor
2	Red	Red & White Pair	2	Red Individual Conductor
3	Drain	Red & White Pair	3	White Individual Conductor
4	White	Green & White Pair	4	Brown Brown & White Pair
5	Green	Green & White Pair	5	White Brown & White Pair
6	Drain	Green & White Pair	6	Drain Brown & White Pair
7	Purple	Individual Conductor	7	Blue Blue & White Pair
8	Yellow	Individual Conductor	8	White Blue & White Pair
9	Gray	Individual Conductor	9	Drain Blue & White Pair
10	Orange	Individual Conductor		



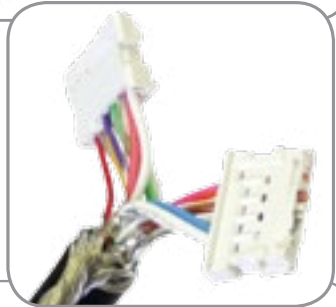
Step 3: Crimp Cable and Wire Holders

- Holding the crimp tool (with the orange guard facing up), insert one of the wire holders into the top (small thin) opening of the crimp tool. (Since there are multiple openings, be sure to use the right one). The slots on the wire holder should be facing up
- Each wire holder should (separately) be pushed in as far as it will go until it is almost flush with the tool
- Crimp the holder to firmly secure the wire holder and the wires. Repeat the same step for the second wire holder ensuring it is even with the first



Step 4: Complete Termination

- To complete the termination, simply cut and trim off the excess wire flush to the wire holder(s) by using the built-in blade in the handle of the crimp tool for each wire holder. Hold the tool with the orange guard facing up and insert wire holder towards your hand until it is against the blade with the wires coming through the other side, cut. Repeat for the other wire holder
- Line up the two wire holders onto the connector core making sure the top wire holder goes on top and the bottom holder goes on the bottom. *The inner side of the wire holders need to engage with the pins
- Use your fingers to press the wire holders into the connector core halfway
- Hold the crimp tool with the orange guard facing up in the palm of your hand. Insert the connector core into the top (large square) cavity of the tool and compress





Step 5: Assemble Connector

- a. To assemble the connector, simply slide the gold connector into the top of the connector body. You should hear it click into place
- b. Take the twisted braid with drain wire and wrap it around the jacket of the cable and under the strain relief tabs
- c. Now attach the bottom connector body (nickel) onto the connector. Be sure to line up the 4 notches with the top portion of the body. Again, push together until you hear and feel it click into place
- d. Now you need to compress the strain relief and ground the shield to the body of the connector. To do so, hold the crimp tool with the orange guard facing up in the palm of your hand and insert the connector into the center cavity (orange section) until the connector sticks out the other side. Compress and trim any excess shield that may be remaining
- e. Last but not least, place the top and bottom connector hoods over the connector and press together until you hear and feel a click

You now have a perfectly assembled HDMI 1.4 cable!

