15-pin High-Density D-Subminiature Field Terminating Insert

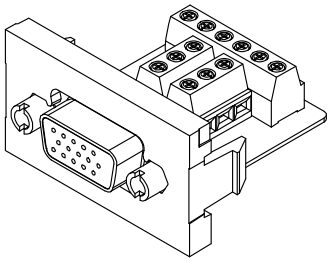
Part Number: CHD15HDSC**Y

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INSTALLATION INSTRUCTIONS **PN389B**

INTRODUCTION

The screw-down type 15-pin D-sub connector is designed for use with video cables having (3) coax lines (R,G,B) and (4) twisted pair lines with (2) conductor lines and a drain wire. Numerous configurations of video cables exist, signal names are given to accommodate the various video cable types with different conductor colors.



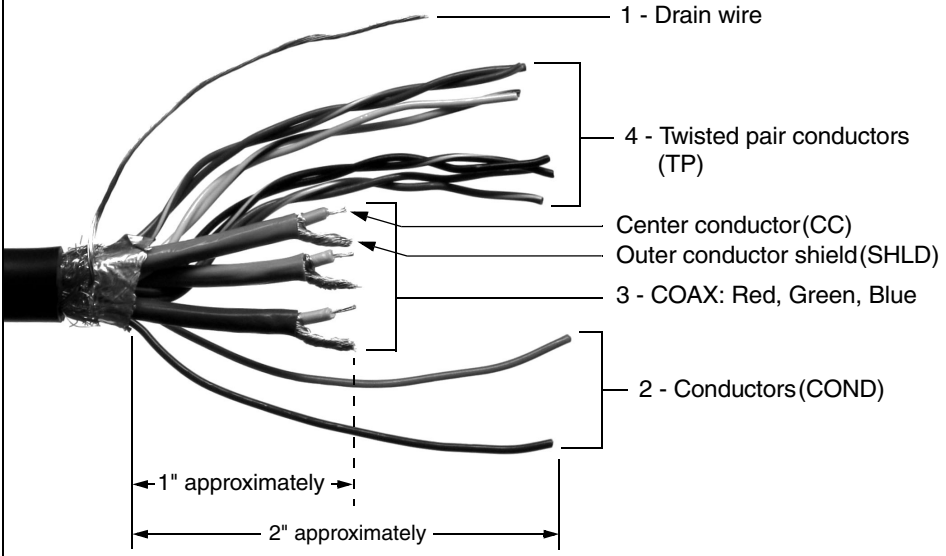
CHD15HDSCY**

RECOMMENDED TOOLS

- 2mm slotted screwdriver
- Wire cutters
- Wire strippers
- Cable stripper

STEP 1

Trim back video cable to expose conductors.



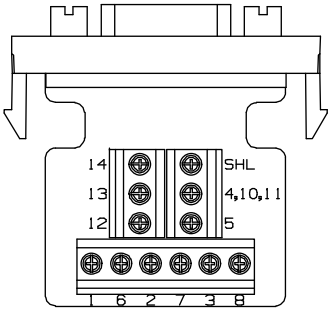
** Denotes color.

STEP 2

Identify conductor to appropriate signal name per pinout table.

Due to the wide variety of video cable:

1. There is no standard color code for the conductors other than the coaxial Red, Green, and Blue.
2. The only certain way to identify correct conductors is to perform a continuity test.
3. There may be unused conductors for your application.



PINOUT TABLE		
PIN	SIGNAL	WIRE
1	RED	COAX CC
2	GREEN	COAX CC
3	BLUE	COAX CC
*4	ID BIT 2	TP
5	GROUND	TP
6	RED SHIELD	COAX SHLD
7	GREEN SHIELD	COAX SHLD
8	BLUE SHIELD	COAX SHLD
9	NO CONNECTION	N/C
*10	SYNC RTN	TP
*11	ID BIT 0	TP
12	ID BIT 1	TP
13	HORZ SYNC	COND 1
14	VERT SYNC	COND 2
15	ID BIT 3	N/C
16	SHELL	DRAIN WIRE

* Wires connected together
Greyed connections are optional

STEP 3

Before inserting wires for termination, turn screws counter-clockwise to ensure all clamps are completely open. (See Fig. 1)

Insert coaxial center conductors, coaxial shields, and conductors into appropriate slots of terminal board by signal name in accordance with the pinout table.

Turn screws clockwise to ensure all clamps are properly closed and wires are secure.

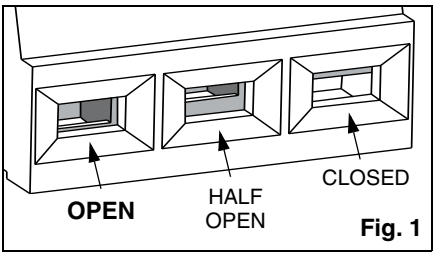


Fig. 1

