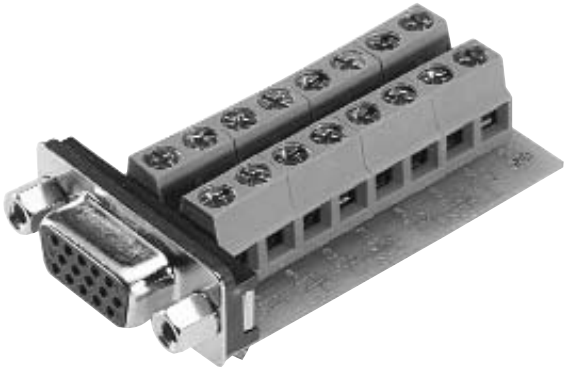
L-com® CONNECTIVITY PRODUCTS
45 Beechwood Drive North Andover, MA 01845
Tel: 800-343-1455 Fax: 978-689-9484 or 978-685-6467
E-mail: sales@L-com.com Web: www.L-com.com

FIELD TERMINATION INSTRUCTIONS FOR A DGBH15FT CONNECTOR

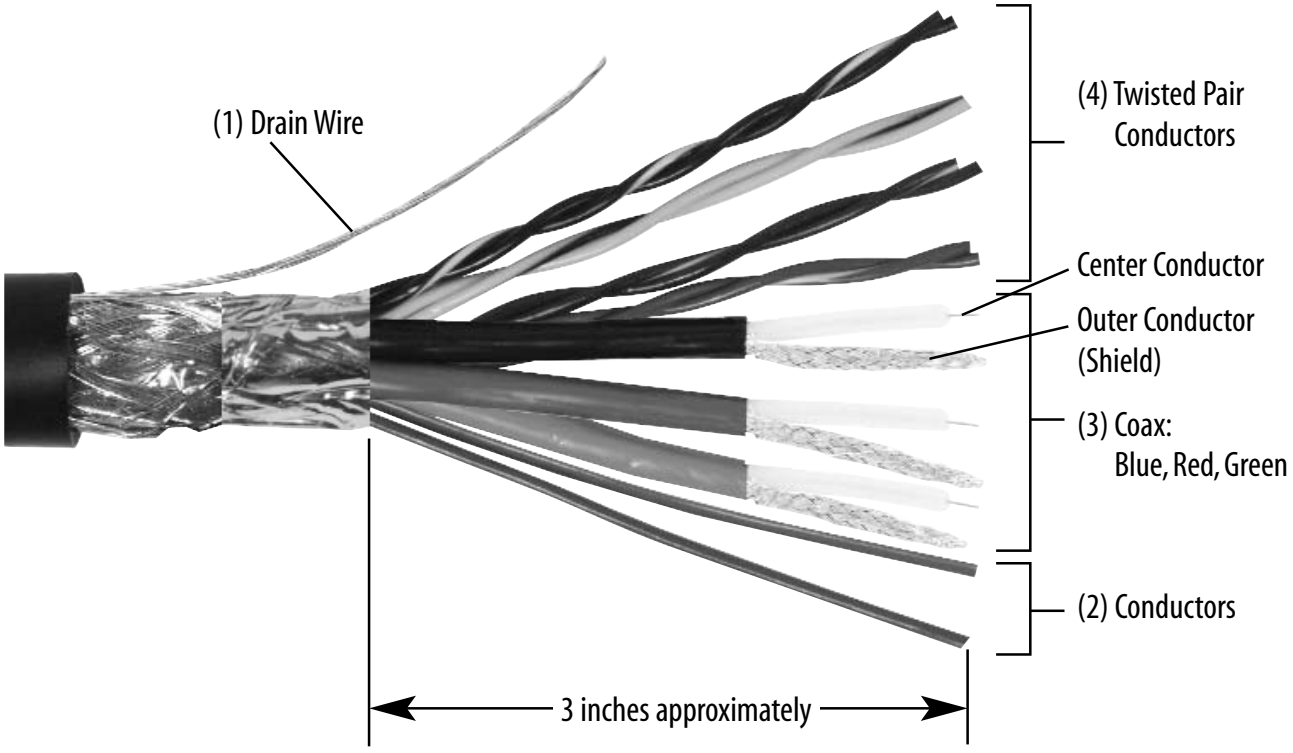
INTRODUCTION:

The DGBH15FT connector is designed for use with SVGA cables having (3) coax lines (R, G, B) and (4) twisted pair lines with (2) conductor lines and a drain wire. Numerous configurations of SVGA cables exist, signal names are given to accommodate the various SVGA cable types with different conductor colors.



STEP 1:

Trim back SVGA cable to expose conductors as shown below.



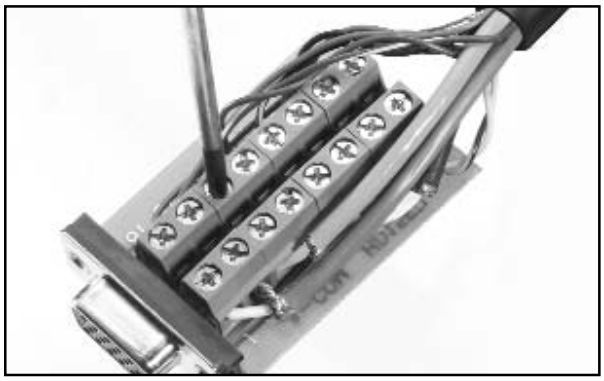
STEP 2:

Identify conductor to appropriate signal name per pinout table. The signal names are also etched on the DGBH15FT PCB for reference. Note: Due to the wide variety of SVGA cable, there is no standard color code for the conductors other than the coaxial Red, Green, Blue. The only certain way to identify correct conductor is to perform a continuity test.

SVGA PINOUT TABLE		
PIN	SIGNAL	WIRE
1	RED	COAX CC
2	GREEN	COAX CC
3	BLUE	COAX CC
4	ID BIT 2	TP 1
5	GROUND	TP1
6	RED SHIELD	COAX SHLD
7	GREEN SHIELD	COAX SHLD
8	BLUE SHIELD	COAX SHLD
9	DDV +5V	COND 1
10	SYNC RTN	TP 3/4
11	ID BIT 0	TP 2
12	ID BIT 1	TP 2
13	HORZ SYNC	COND 2
14	VER SYNC	TP 3
15	ID BIT 3	TP 4
16	SHELL	DRAIN WIRE

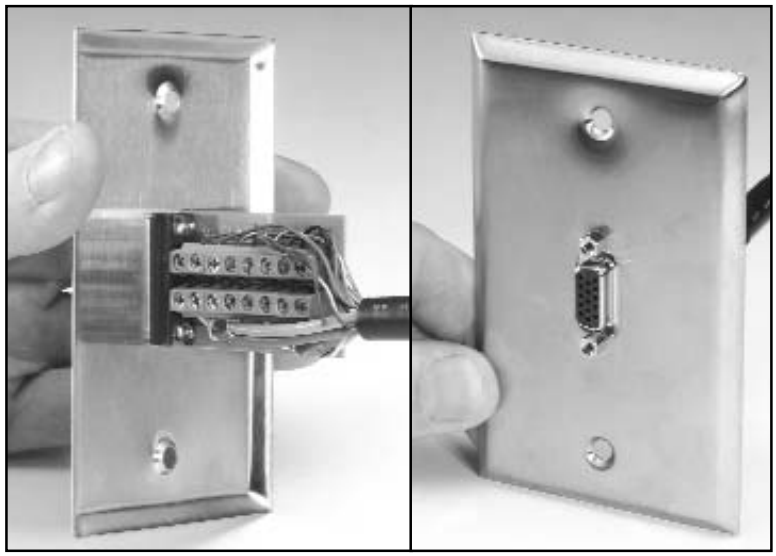
STEP 3:

Insert coaxial center conductors and shields as well as conductors into appropriate slots of terminal board by signal name in accordance with SVGA pinout table and etched signal names on the PCB. Tighten screws to secure.



STEP 4:

Attach the completed assembly to mounting surface.



45 Beechwood Drive • N. Andover, MA 01845 • Web: www.L-com.com • E-mail: sales@L-com.com
Tel: 800-343-1455 • Fax: 978-689-9484 or 978-685-6467