

Figure 1

1. INTRODUCTION

Front-Loading SVGA Connector 1-2111550-3 is designed to be installed into a wall plate. The connector accepts 75-ohm 5-conductor mini coaxial video cable or Category performance cable.

NOTE



*Dimensions in this instruction sheet are in metric units [with U.S. customary units in brackets].
Figures are not drawn to scale.*

2. DESCRIPTION

The connector consists of a housing and screw terminal. The screw terminal contains 10 slots and 10 screws. Each slot accepts a colored wire of the cable and each screw, when tightened, terminates the wire to the connector. The housing features retention latches that hold the connector in the data port opening of the wall plate.

3. INSTALLATION

1. From the back of the wall plate, feed the cable through a data port opening. See Figure 2.



Figure 2

2. Loosen the screws in the screw terminal of the connector.

3. Refer to Figure 3, and prepare the cable as follows:

- a. Strip the outer jacket from the cable by 25.4 mm [1.0 in.].
- b. Arrange the wires by color from top to bottom: white, yellow, blue, green, and red. Then cut each wire by 3.17 mm [.125 in.] shorter than the previous wire.

NOTE



Cable conductor color may vary according to manufacturer.

- c. Strip the insulation from each wire by 6.35 mm [.25 in.].

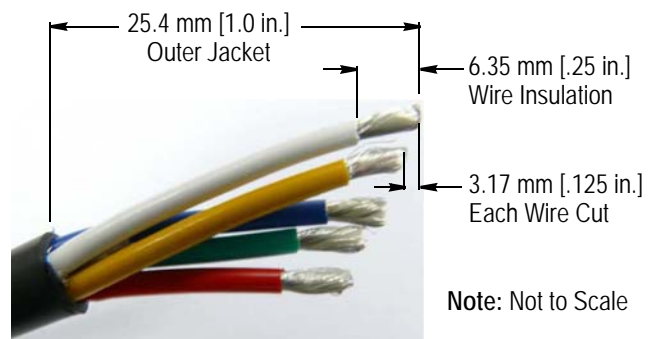


Figure 3

- d. Separate the conductor from the ground wire of each wire as shown in Figure 4. Tightly twist ground strands to ensure that strands do not make contact with adjacent conductors.

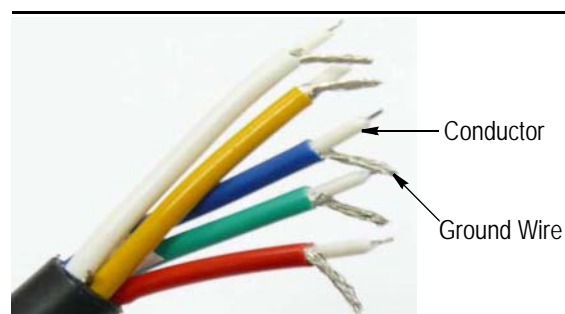


Figure 4

4. Insert each conductor into a slot of the screw terminal according to color coding of the wiring diagram given in Figure 5. It is recommended starting with the shortest wire and moving upward. Tighten each screw to secure the wire. See Figure 5.

NOTE



If using Category 5 or 6 cable, two slots will not receive a conductor since these cables only have 4 twisted-pair wires.

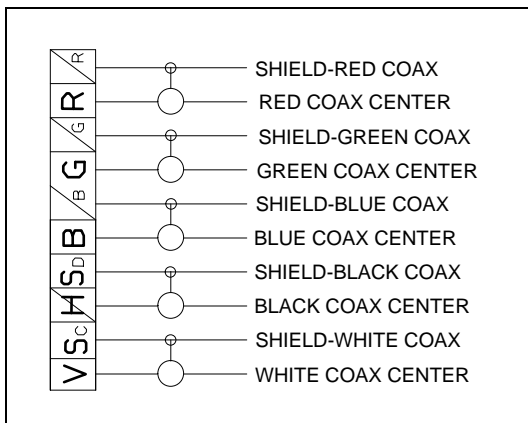
CAUTION



Do not allow stranded conductors to come in contact with adjacent conductors; otherwise, degradation in video color or resolution may result.

Wiring Diagram

Note: Cable conductor color may vary according to manufacturer.



Conductor in Slot of Screw Terminal

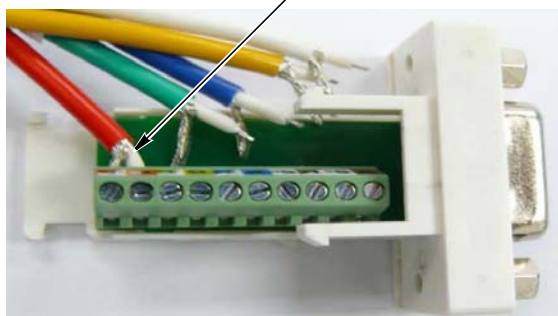


Figure 5

5. After all wires are connected, for strain relief, it is highly recommended to secure the cable to the back of the connector using a cable tie. See Figure 6.

Cable Tie Securing Cable to Connector

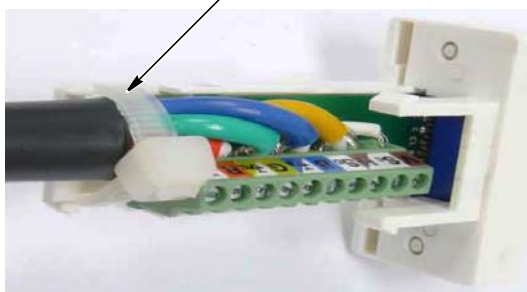


Figure 6

6. Insert the connector into the data port of the wall plate until the retention latches snap into place. See Figure 7.

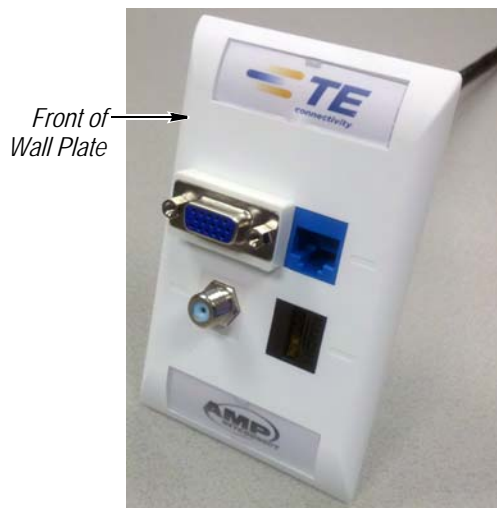
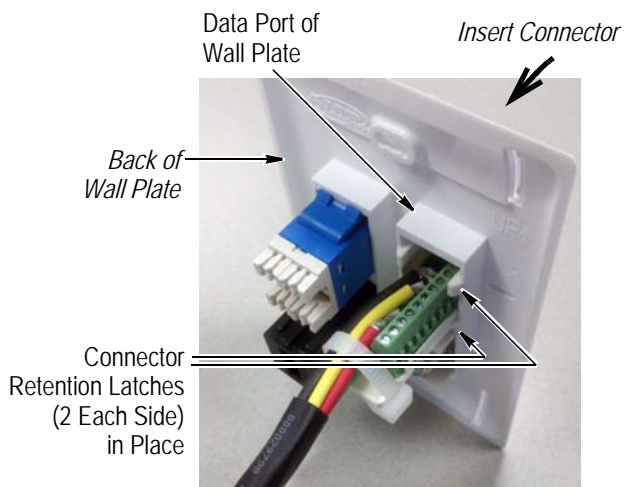


Figure 7

4. REPLACEMENT AND REPAIR

Do not use defective or damaged connectors or wall plates.

5. REVISION SUMMARY

Initial release of instruction sheet