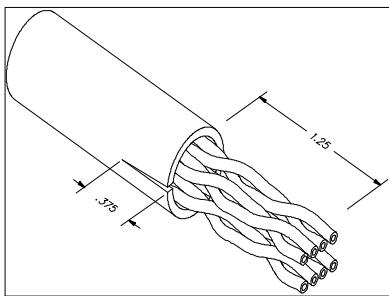


# Stewart Connector

11118 Susquehanna Trail South  
Glen Rock, PA 17327-9199  
Tel: 717-235-7512  
[www.stewartconnector.com](http://www.stewartconnector.com)

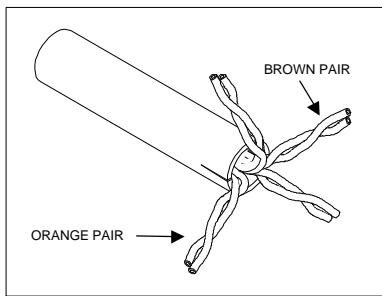
## 39 Series Plug Termination Instructions

1.



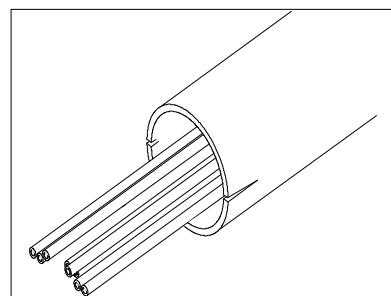
Remove 1.25" (31.8 mm) of cable jacket. Slit both sides of jacket back .375" (9.5 mm). The slits should be located where the two outer pairs exit jacket. Separate the pairs.

2.



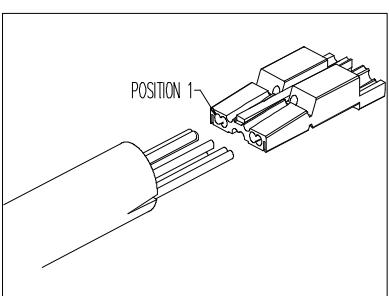
Arrange pairs according to appropriate wiring diagram (see back of sheet). If pairs need to be crossed, keep twisted and cross inside jacket.

3.



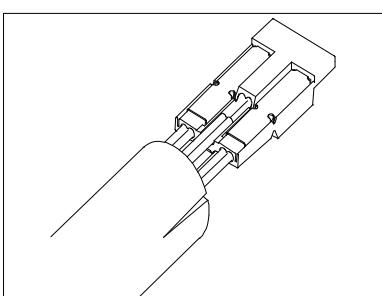
Straighten conductors and align per diagram **Only untwist enough conductors to allow insertion into loadbar.**

4.



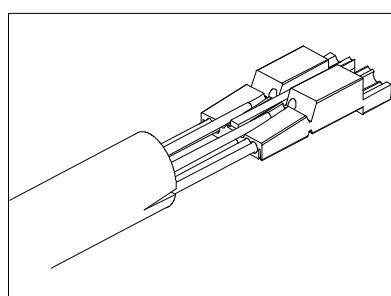
Insert outer pairs of conductors into loadbar as shown.

5.



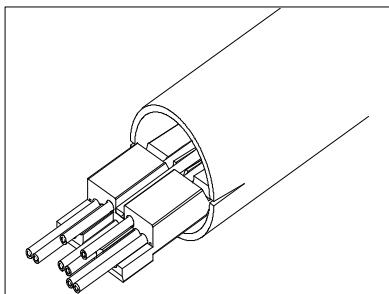
Turn assembly over and insert center pair into loadbar.

6.



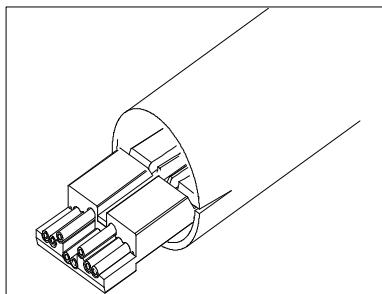
Turn assembly back. Trim the last pair slightly to make loading easier and insert into loadbar.

7.



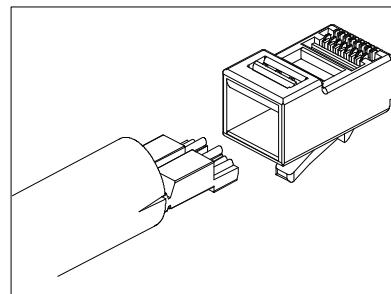
Push loadbar back onto cable until the edge of jacket is even with the notch in the loadbar. Pull any slack out of the conductors. Twist should be as close to loadbar as possible for best performance

8.



Ensure that all conductors are flat and straight in loadbar area. Trim all conductors flush with edge of loadbar.

9.



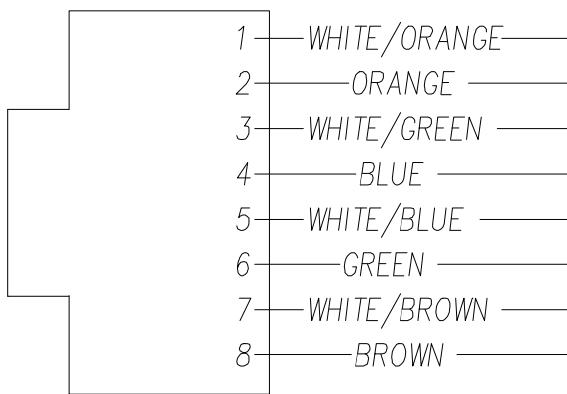
Insert loadbar into the housing and terminate.

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## 39 Series Plug Wiring Sequences

### EIA/TIA 568-B



#### Notes:

- Category 6 Plug can terminate 28 to 24 AWG
- For technical and performance data, consult factory
- Insulated conductor O.D. range = .042 - 0.37

#### As with all wiring installation and modification, the following statements apply:

Use caution and common sense when installing, modifying, or removing any communication wiring and systems.

Never install communications wiring in wet locations unless electronic components and jacks are specifically designed for wet environments.

Always disconnect communication lines from the network interface before touching uninsulated communications wiring or terminals.

Do not, under any circumstances, install communications wiring during a lightning storm.