

Requirements for cable assembling for grove compatible.

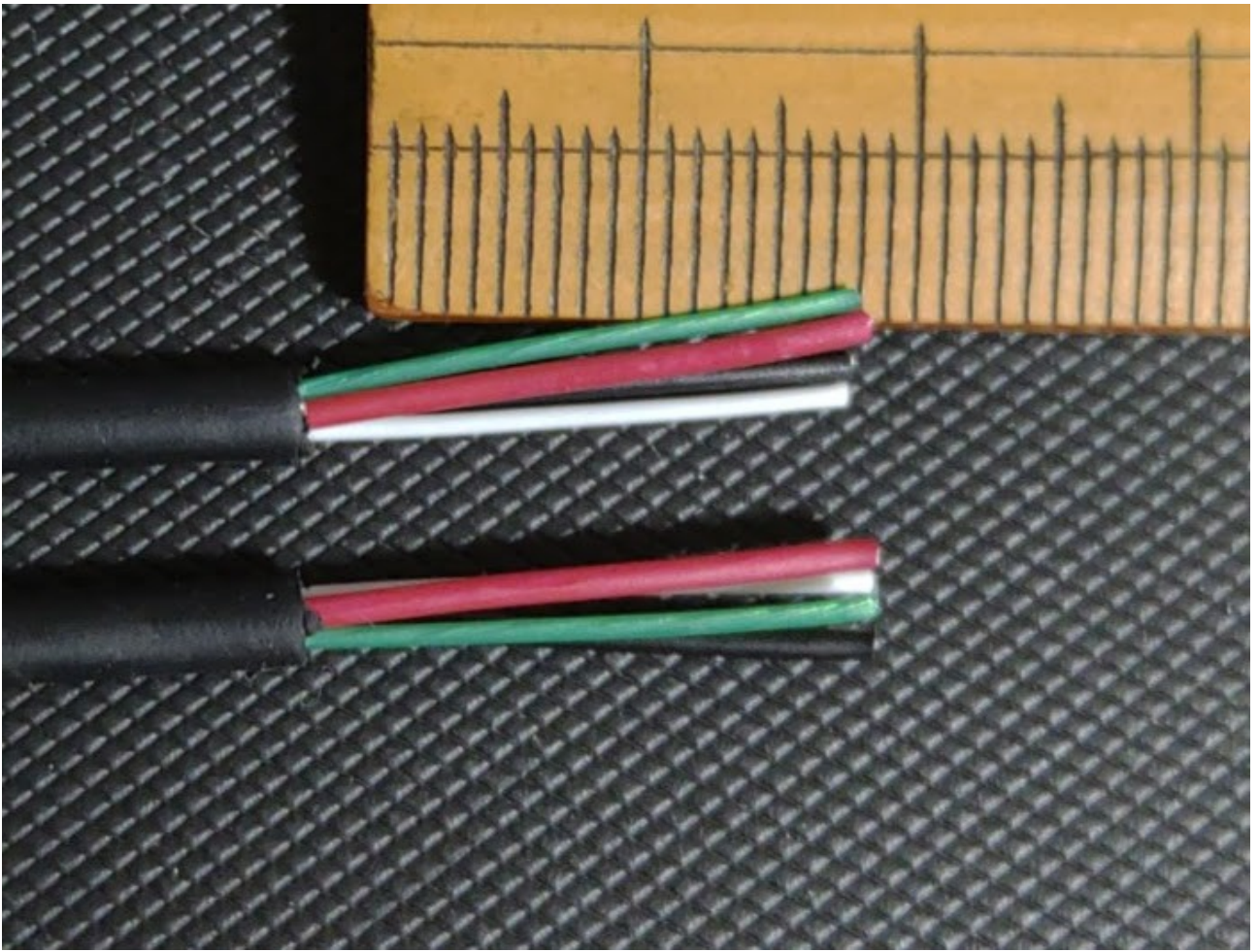
Components for a cable.

- Cable: 22 AWG 4 lines shield cable
- Connector: HY2.0-4P
- Contacts: 4 contacts for HY2.0-4P
- A Plastic bag

1. Cut length of cable +  $5\text{cm} \pm 2\text{cm}$ . Ex 100cm cable:  $105 \pm 2\text{cm}$ .

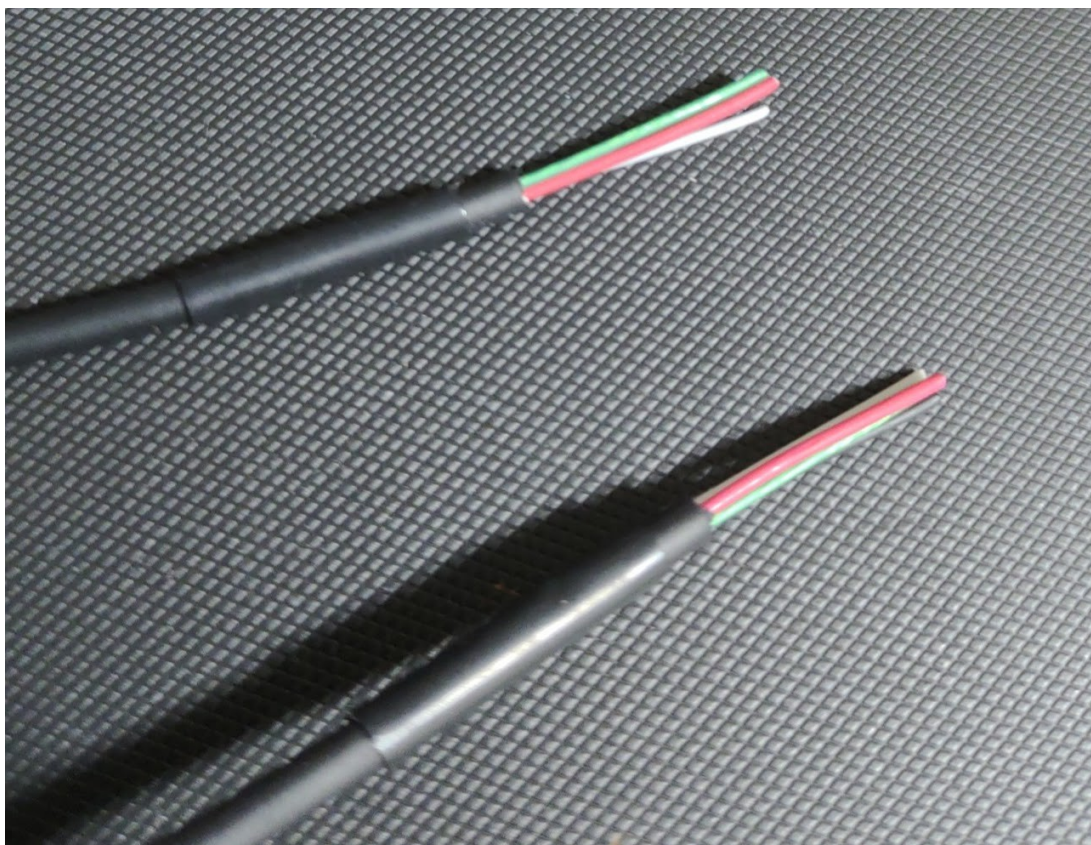
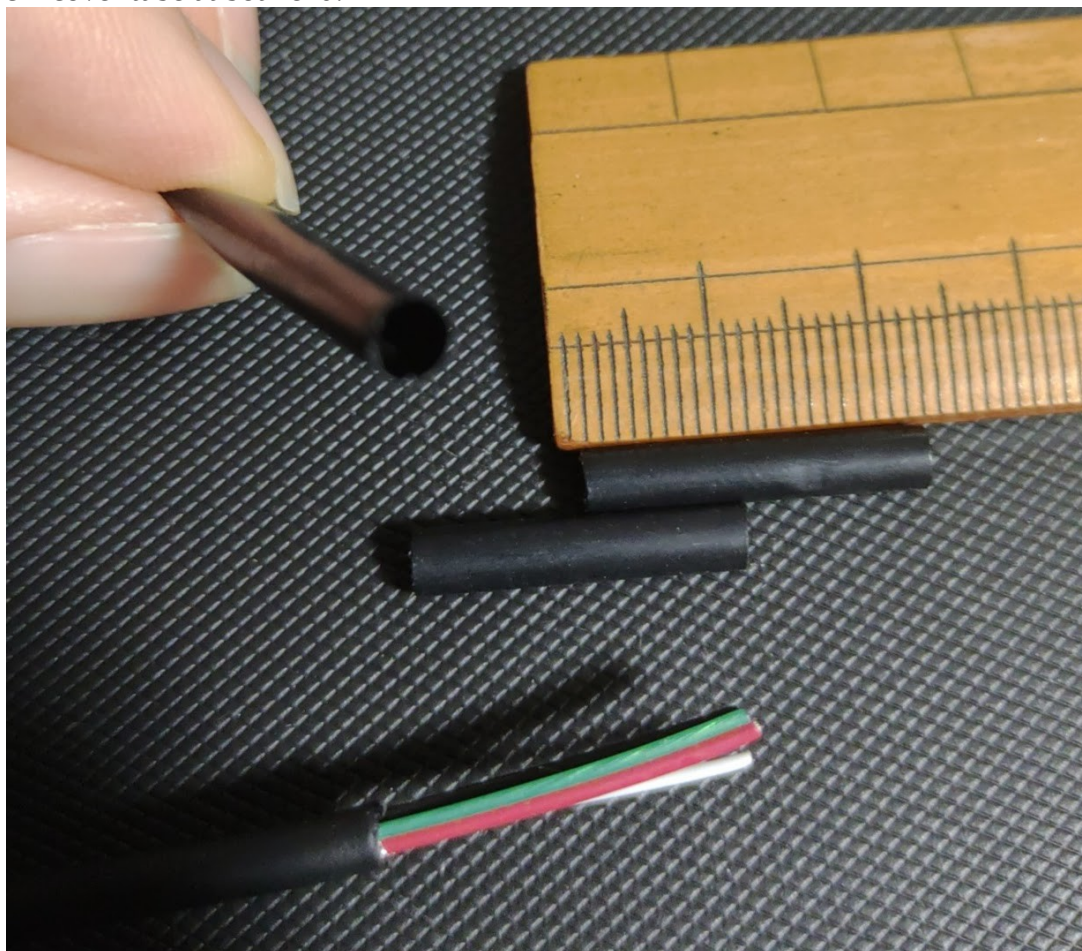


2. Remove out side covering material  $2\text{cm} \pm 1\text{cm}$  at both end.



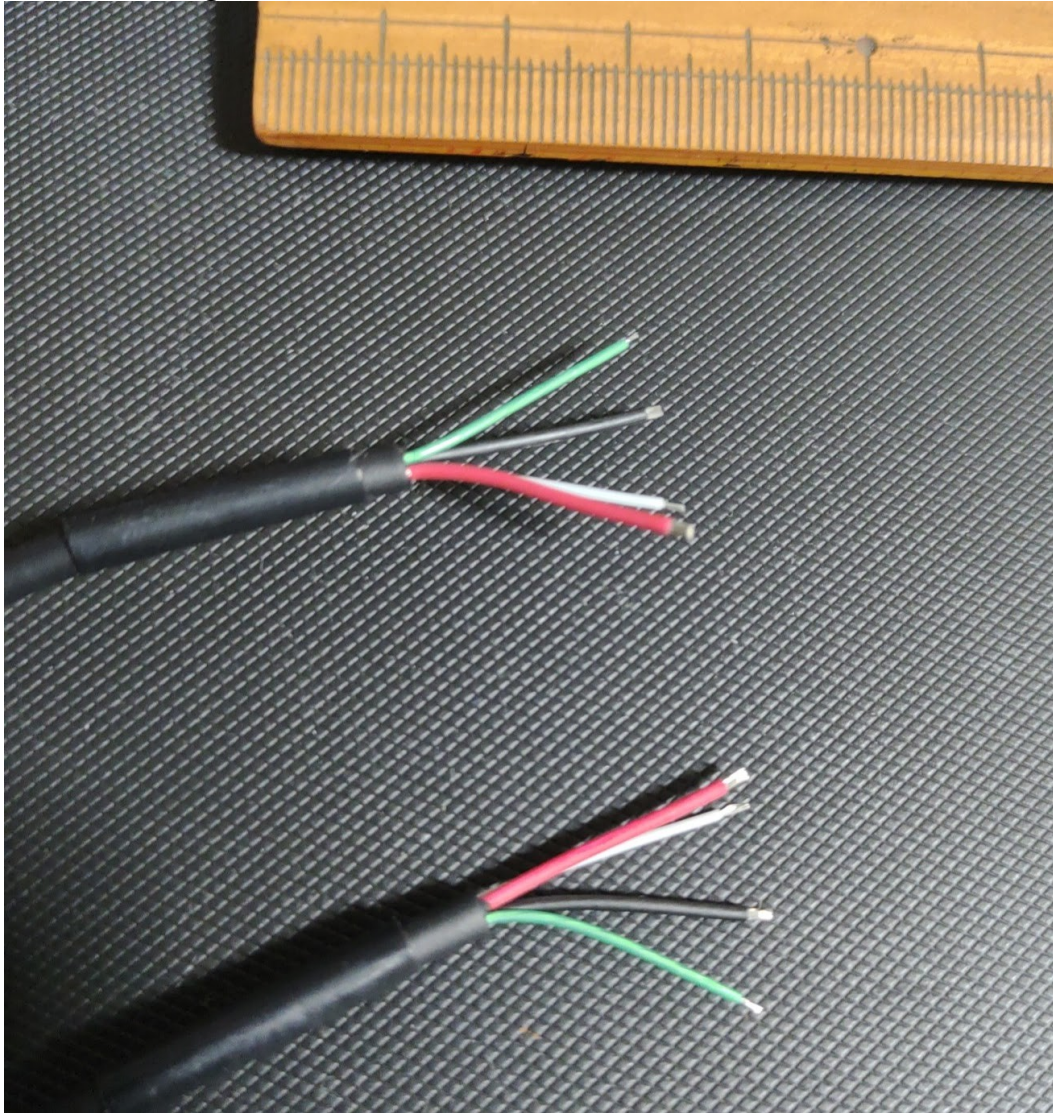


3. Put 2cm cover tube at both end.

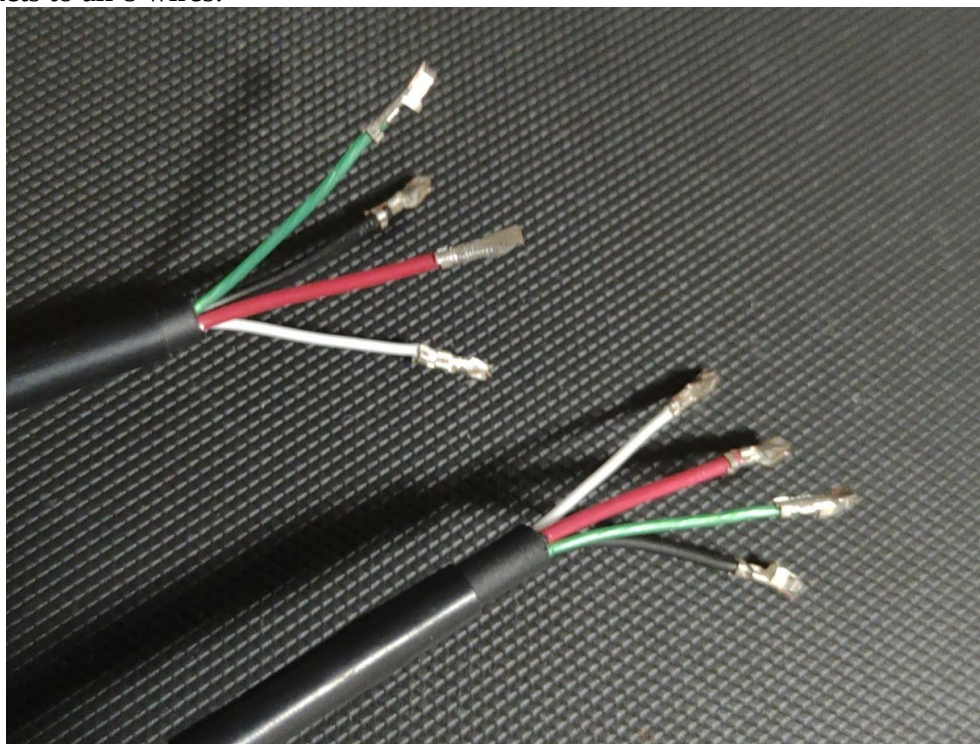




4. Remove inner covering material 1~2mm.



5. Put contacts to all 8 wires.



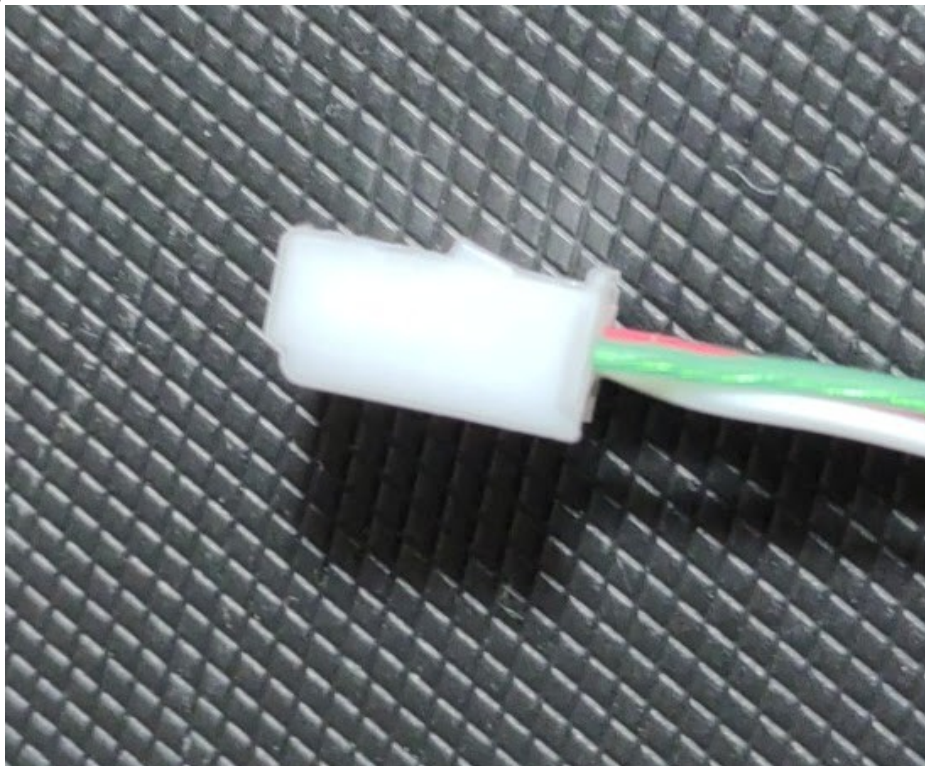


6. Cut off hook of housing.



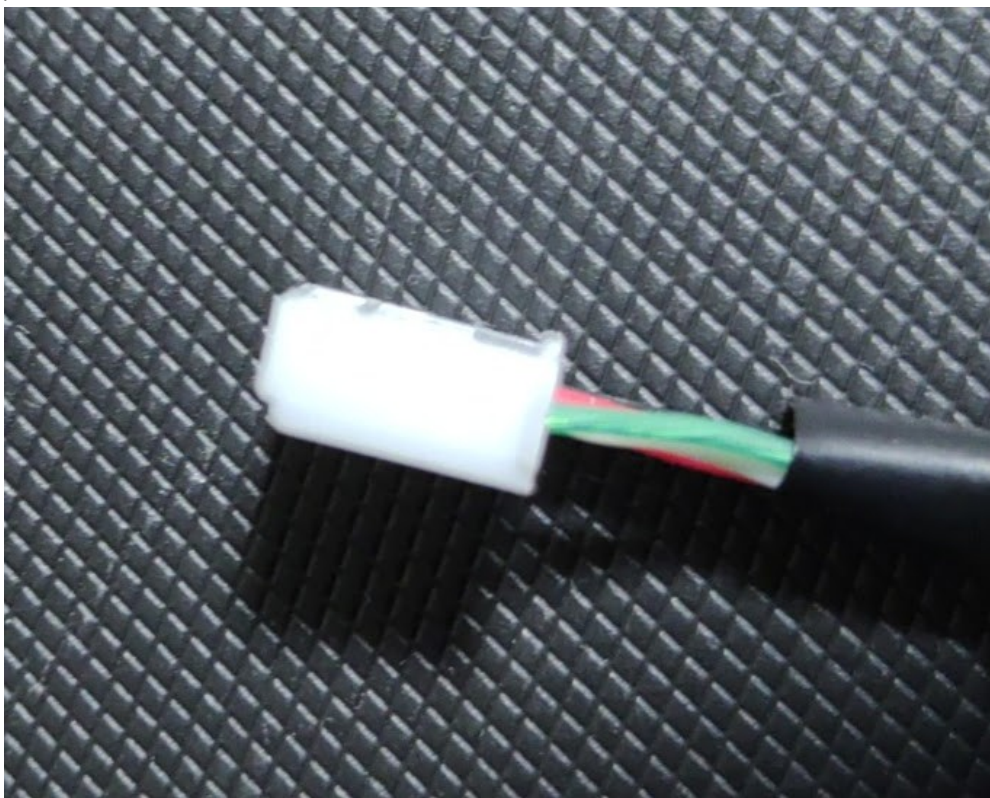
7. Inject contacts to housing.  
Make sure that hooks for contact become flat by injecting.

It's not enough

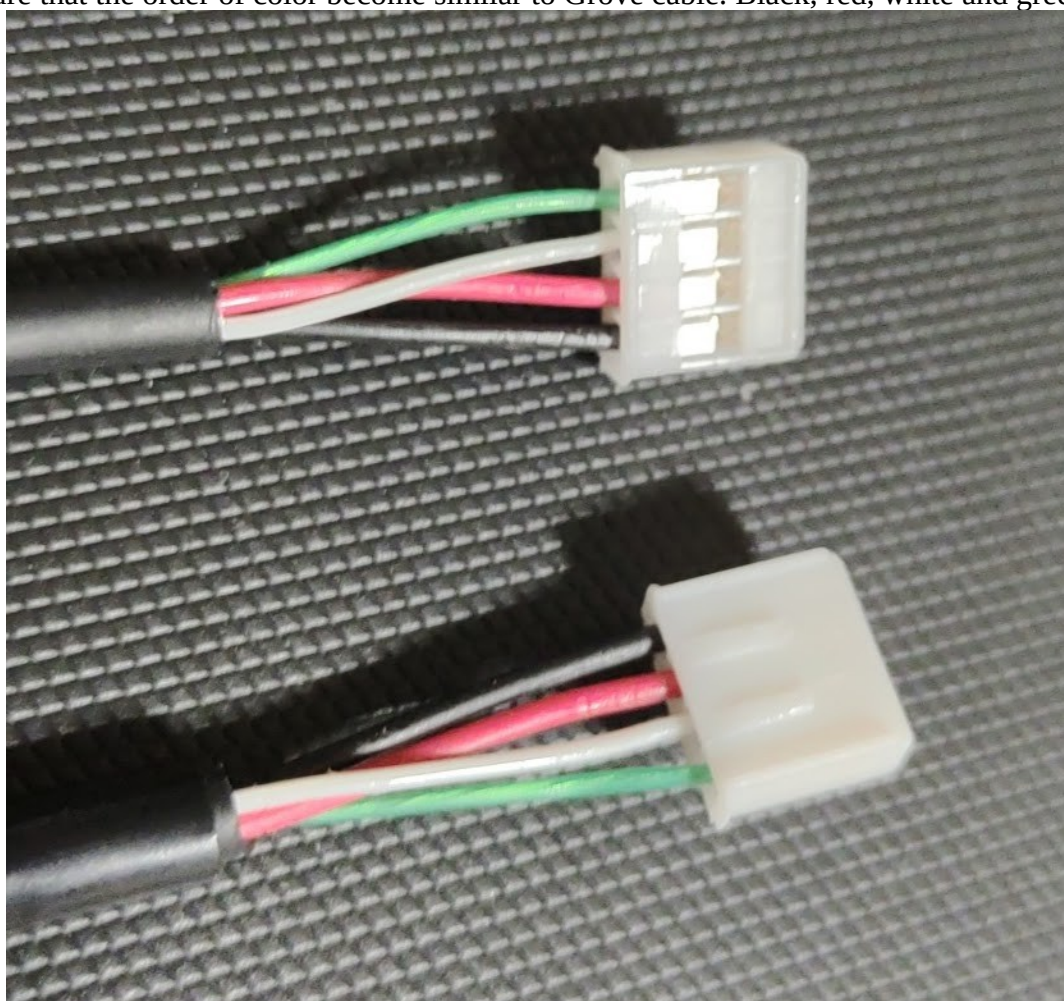




It's enough.

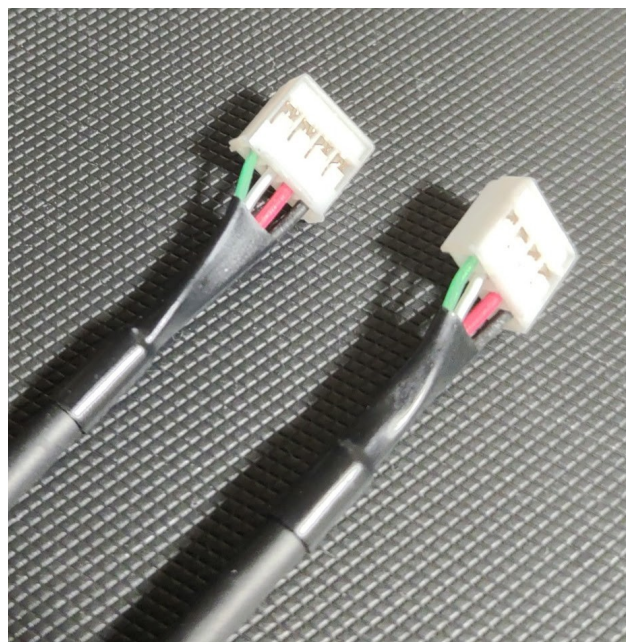
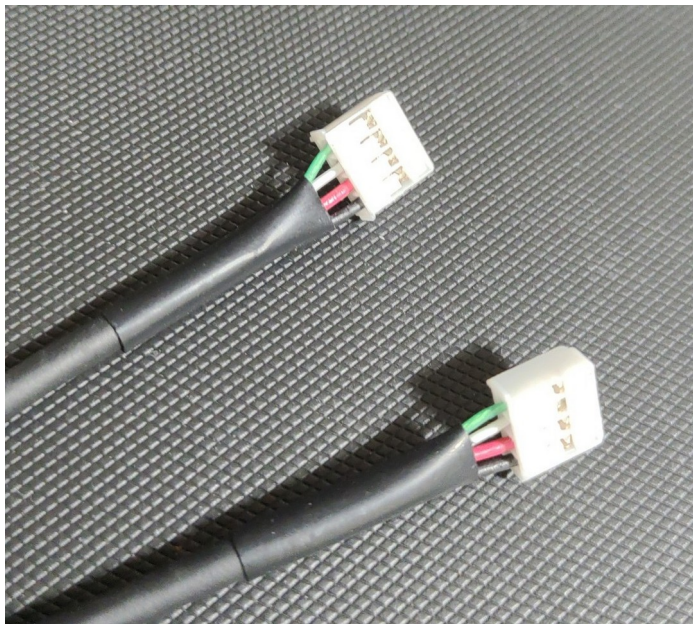


Make sure that the order of color become similar to Grove cable. Black, red, white and green.





8. Make shrink cover tube by heating.



9. Put the cable into a plastic back.

