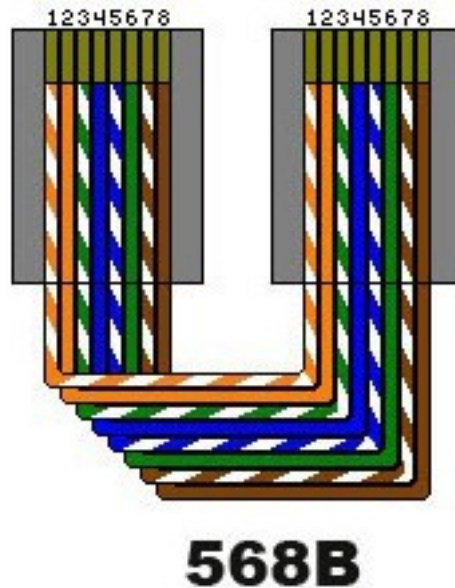


Building a Straight-through and Cross-over cable

Building and straight-through cable

1. First gather your tools and materials (Crimp gun-tool, stripper, scissors, cable and connection clips).
2. First take and find the length of cable you want to use.
3. Then take your stripper tool and your wire and strip off about an half an inch to an inch to reveal the double twisted cables beneath the blue (or other color) outer sheath.
4. Then take and separate the wires into a line by color.
5. The cable we'll make this time is a Straight-through cable which has both ends as 568B, but follow steps 1-4 for the cross-over as well.
6. For the first end on the straight-through cable we'll take the twisted wires and find and separate the first two wires the white/orange wire and the orange wire. Straighten those two and separate them off to the side.
 - 6.1. Then take the white/green and the green and separate those off to the side as in the previous step.
 - 6.2. Do the same for the white/blue and the blue.
 - 6.3. And also the same for the white/brown and the brown.
7. Then take the white/orange and the orange and align them together and holding them with your thumb and with the white/orange on the outside and the orange on the right push them together in a row.
 - 7.1. Then take the white/green and align it to the right of the orange, then take the blue and align it to the right of the white/green.
 - 7.2. Then take the white/blue and still hold these wires align it the right of the white/green.
 - 7.3. Then align the white/blue and green to the rest of the wires in your thumb.
 - 7.4. Finally align the white/brown to the green and the brown to the right of white/brown.
8. Now take all the wires (still in the order you set them) and hold them tight with your thumb. Then take your thumb move it up so that a little less than half your thumb is covering the wires beneath the out sheath (more or less so depending on your thumb).
9. Then take the scissors and in the straight line across the full width of the wires cut so that only what your thumb was covering is now shown.
10. Then you take a connection clip and with the bottom facing up insert the wires.

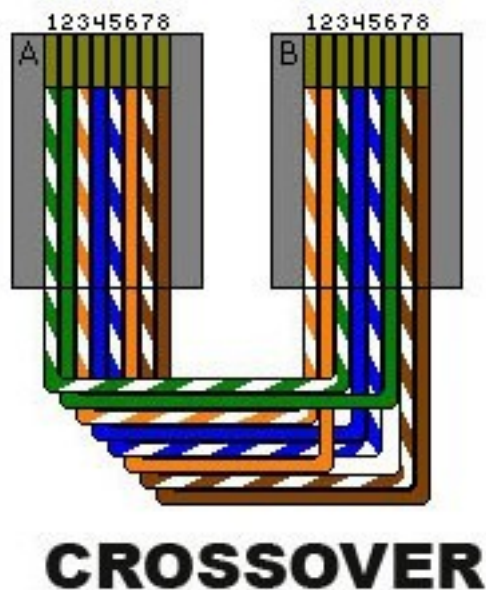
11. Then you take the crimp-gun-tool and insert the clip and the wires and press down the connections locking them in place.
12. Repeat steps 6-11 for the other end of the straight-through cable. And you have a straight-through cable.



Building and cross-over cable

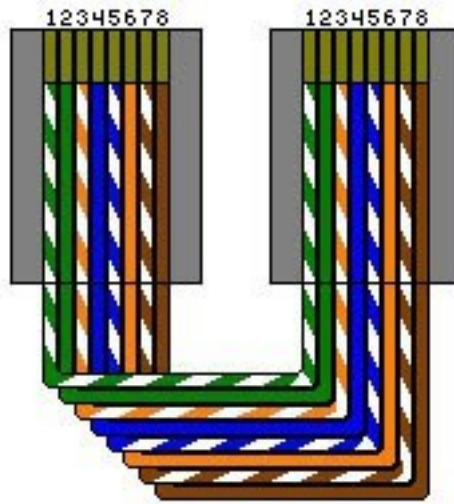
1. First gather your tools and materials (Crimp gun-tool, stripper, scissors, cable and connection clips).
2. First take and find the length of cable you want to use.
3. Then take your stripper tool and your wire and strip off about an half an inch to an inch to reveal the double twisted cables beneath the blue (or other color) outer sheath.
4. Then take and separate the wires into a line by color.
5. The cable we'll make this time is a cross-over cable which has one end as 568B and one end as 568A, but follow steps 1-4 for both ends.
6. For the first end on the cross-over cable (568B) we'll take the twisted wires and find and separate the first two wires the white/orange wire and the orange wire. Straighten those two and separate them off to the side.
 1. Then take the white/green and the green and separate those off to the side as in the previous step.

2. Do the same for the white/blue and the blue.
3. And also the same for the white/brown and the brown.
7. Then take the white/orange and the orange and align them together and holding them with your thumb and with the white/orange on the outside and the orange on the right push them together in a row.
 1. Then take the white/green and align it to the right of the orange, then take the blue and align it to the right of the white/green.
 2. Then take the white/blue and still hold these wires align it the right of the white/green.
 3. Then align the white/blue and green to the rest of the wires in your thumb.
 4. Finally align the white/brown to the green and the brown to the right of white/brown.
8. Now take all the wires (still in the order you set them) and hold them tight with your thumb. Then take your thumb move it up so that a little less than half your thumb is covering the wires beneath the out sheath (more or less so depending on your thumb).
9. Then take the scissors and in the straight line across the full width of the wires cut so that only what your thumb was covering is now shown.
10. Then you take a connection clip and with the bottom facing up insert the wires.
11. Then you take the crimp-gun-tool and insert the clip and the wires and press down the connections locking them in place.



568A end of the cross-over cable

12. For the second end on the cross-over cable (568A) we'll take the twisted wires and find and separate the first two wires the white/orange wire and the orange wire. Straighten those two and separate them off to the side.
 1. Then take the white/green and the green and separate those off to the side as in the previous step.
 2. Do the same for the white/blue and the blue.
 3. And also the same for the white/brown and the brown.
13. Then take the white/green and the green and align them together and holding them with your thumb and with the white/green on the outside and the green on the right push them together in a row.
 1. Then take the white/orange and align it to the right of the green, then take the blue and align it to the right of the white/orange.
 2. Then take the white/blue and still hold these wires align it the right of the blue.
 3. Then align the white/blue and orange to the rest of the wires in your thumb.
 4. Finally align the white/brown to the orange and the brown to the right of white/brown.
14. Now take all the wires (still in the order you set them) and hold them tight with your thumb. Then take your thumb move it up so that a little less than half your thumb is covering the wires beneath the out sheath (more or less so depending on your thumb).
15. Then take the scissors and in the straight line across the full width of the wires cut so that only what your thumb was covering is now shown.
16. Then you take a connection clip and with the bottom facing up insert the wires.
17. Then you take the crimp-gun-tool and insert the clip and the wires and press down the connections locking them in place.



568A