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Cheap and Easy-To-Make Speaker Wire by Joshedavid

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Anyone can make speaker wire of good quality though it will require time and manual work. They may buy cat5 cable for this purpose. Cat5 cable is comparatively cheaper and it is specially made for computers. Five braids of cat5 wires each containing 3 pairs are to be braided together to make the wire for the speaker. A cat5 cable contains four pairs of wires and each pair is twisted together. Since these twists are causing elimination of noise they should not be disturbed. It will give better sound when all the pairs are twisted with same tightness. The unshielded type of cable is cheaper and also there will be no wrapping to remove. The 3m long speaker cable with 15 pairs will give around trip resistance of 0.05 units and area of 2.95 mm2.

Quick tangling of loose ends of the cable occurs as a result of braiding. Making the strand at extreme right to cross over half of the remaining strands is called braiding. A braid contains odd number of brands - 3, 5, 7 etc. One of the strands should be coiled up and kept together using a clothes pin. Only a single loop is to be released at a time and the cable can be of any length. The cables get shrunk as a result of braiding. A cat5 cable of 4.2m length can be made into a speaker cable of 3m. By using one color in one cable, even twist rate can be made. The twist rate must be the same for all the pairs. One pair of 3m long cable can be used up to 15 hours.

For communication through computers one has to buy cat5 cable only. Phone cable and speaker wire cannot be used for this purpose. The ideal source of cat5 cable is electrical goods distributor shop. This cable can be bought from online sources also at a still cheaper price. The wire between the switch and computer should not be more than 100m long and there should be no sharp bends on the cable. The wire should not be kept near to any high voltage wires to avoid interference.

While removing the outer jacket of the cat5 cable, extreme care should be taken not to damage the insulation of the inner wires. This can be easily done with a cable stripper. The ideal cable stripper should be of light weight, compact and easy to adjust. Instead of stuffing everything inside the house, the wire can be run outside the house.

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