

Breadboard Jumper Wire Flex Ribbons

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Electronics & Prototyping

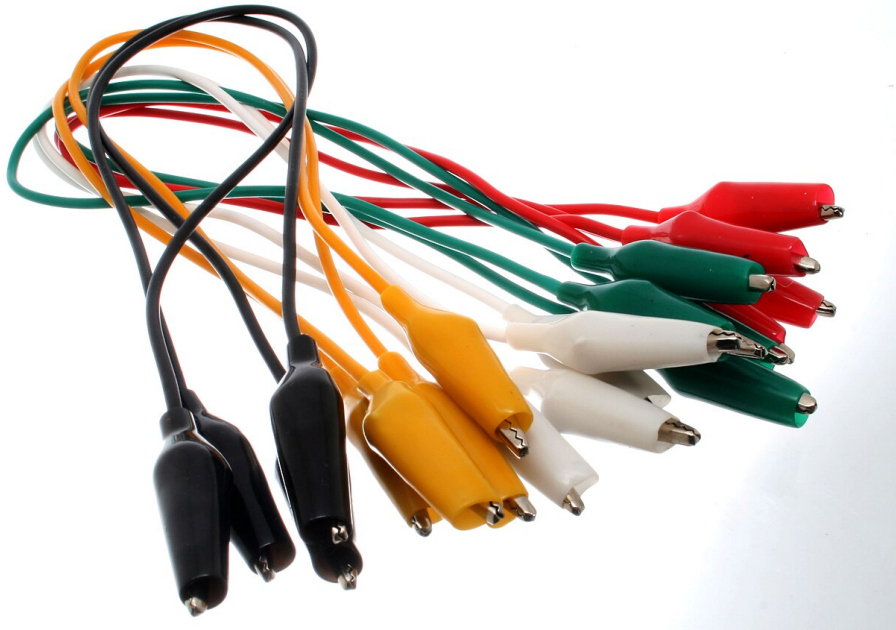


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Breadboard jumper ribbons are pre-aligned strips of wires on a header that connect whole rows of pins at once - ideal for connecting LCDs, shields and module headers without threading individual jumpers, keeping breadboards tidy and wiring fast.

Key Features

- Female or male header ends
- Ribbon lengths 10-30 cm
- Standard 2.54 mm spacing
- Pre-stripped and tinned ends
- Multicolour wire insulation

Typical Uses in the Workshop

- Connect LCD and display modules
- Ribbon-link shields and boards
- Wire header groups in one step
- Bus and power rail distribution

Safe Operation

1. Match the ribbon width to the header
2. Plug the header onto the pins squarely
3. Route the ribbon flat, avoiding folds
4. Leave slack near the board
5. Use a second ribbon for the far side

SAFETY NOTES

- Check the header alignment before pushing
- Do not bend the ribbon sharply
- Keep ribbons away from heat and solder
- Tidy the ribbons to avoid snags
- Disconnect with the power off

Maintenance & Consumables

- Check the header contacts
- Flatten folded ribbons
- Replace worn sets
- Store ribbons coiled neatly
- Keep spares in the kit

Specification & Buying Notes

A set of male/female ribbon jumpers in common lengths covers module wiring. Quality ribbons strip cleanly; cheap ones break at the header. Size by pin count.