Science Lab

Email : sales@scilabexport.com
Phone: +91-7082934803

**Product Name :**

Jumper Wires (male to male)

**Product Code :**

SLE/EM/07



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# Description :

**Jumper Wires (male to male)** (Product Code: SLE/EM/07) are 6-inch flexible hook-up leads with a connector pin at each end, sold in a pack of 40. They push straight into solderless breadboard holes and header sockets, so students can build, test and rearrange circuits without soldering,and they also top up the wiring in most circuit kits — for example when patching extraconnections on a digital electronics trainer kit. The pack is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, and supplied to school, college and polytechnicelectronics labs.

## Specifications

| Parameter | Detail |
|---|---|
| Type | Male-to-male jumper wires |
| Length | 6 inches (each wire) |
| Packquantity | 40 wires |
| Suitable for | Breadboarding and use with most circuit kits |
| Kit support | Provides additional materials for select kits |

## Typical Use

On a breadboard, jumper wires carry signals and supply rails between components that are not in the same row: from a battery or bench supply to the power rails, from a switch to an LED and resistor, or from a sensor to a microcontroller pin. In a logic gates experiment kit or a transistor practical, a pack of 40 is enough to lay out a complete circuit and still have spares for the changes students make while troubleshooting. The 6-inch length reaches across a standard board without leaving loose loops that snag on components.

To keep them working, remove a wire by gripping the connector housing rather than pulling on the cable, and straighten bent pins before pushing them back into a board. Use them only in low-voltage circuits, never for mains wiring. Returning wires to their pack or a small box at the end of each lab session keeps the full count ready for the next group.

## Manufacturer

These jumper wires are manufactured by Jain Scientific Equipments Private Limited, trading as ScienceLab, of Ambala in Haryana. Alongside the equipment made at its own facility, the company manufactures everyday lab consumables so institutions can order a complete requirement from one vendor — see our company profile.

## Related Electricity Equipment

Other items used when wiring and testing student circuits:

- Digital Multimeter — for checking voltages, currents and resistances on a breadboard circuit
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