

How Much Wire Does a Home Need? (Estimator)

A rough starting estimate of house wire required by home size.

The exact quantity depends on your floor plan, number of points and wiring layout, but this table gives a **rough starting estimate** for planning and budgeting a typical Indian home. Wire is usually sold in **90-metre coils**.

Home	1.5 sq mm (lighting)	2.5 sq mm (power/sockets)	4 sq mm (AC/geyser)
1 BHK	~2 coils	~2 coils	~1 coil
2 BHK	~3 coils	~3 coils	~1–2 coils
3 BHK	~4–5 coils	~4–5 coils	~2 coils

Very approximate; add heavier sizes (6 sq mm+) for the mains and any high-load runs.

Always add a margin for wastage and future points, and let your electrician confirm the final bill of quantities from the actual wiring diagram.