

Coaxial Cable Strippers

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Hand Tools

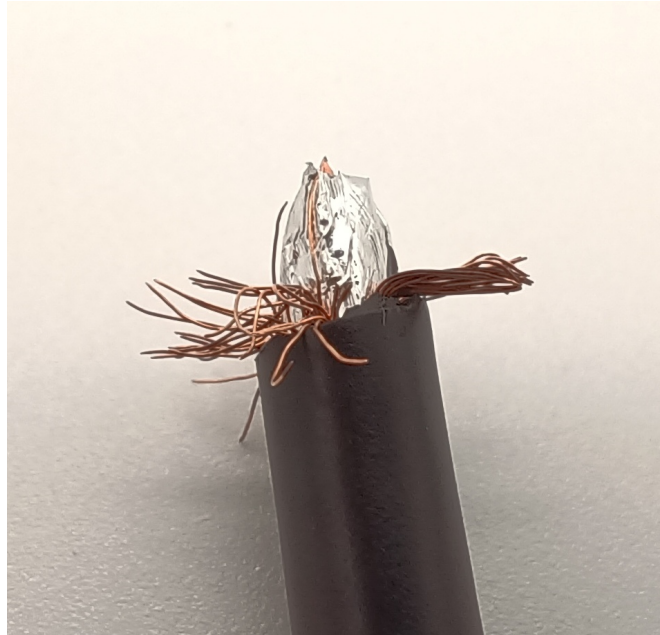


Photo: Mx. Granger — CC0 — via Wikimedia Commons (3C-2V_cable_7.jpg)

A coaxial cable stripper is a stepped cutter that prepares coax cable ends for connectors by cutting the outer sheath and dielectric to the exact lengths needed, without damaging the inner conductor. It makes clean, consistent cable prep for CCTV, radio and network work.

Key Features

- Interchangeable blade sets for coax types
- Adjustable strip lengths and depths
- Three-step stripping in one tool
- Cuts outer jacket, braid and dielectric
- Rotary action for even cuts

Typical Uses in the Workshop

- Prepare coax ends for BNC and F connectors
- Strip cables for CCTV and antenna repairs
- Train cable termination skills
- Produce clean, consistent cable assemblies

Safe Operation

1. Set the blade depths for the cable type
2. Insert the cable fully and rotate the tool
3. Remove the outer jacket layer
4. Remove the dielectric layer to expose the core
5. Fit the connector according to its instructions

SAFETY NOTES

- Keep blades covered when stored
- Do not strip live cables
- Wear eye protection - fine braid can fly
- Avoid rolling the cable under foot
- Store with blades retracted

Maintenance & Consumables

- Replace blades when cuts become ragged
- Clean braid shavings from the tool
- Oil the rotary mechanism lightly
- Check the adjustment screws
- Keep spare blades in stock

Specification & Buying Notes

Buy a stripper with blades for the coax types used (RG59, RG6). Adjustable depth models suit several cable sizes. Add a crimp tool and connector kit for full termination jobs.