CP-148 Telecom Combi-Crimper / Plier

Crimp / Strip / Cut / Plier | AWG 24–16 | 168 mm





1. GENERAL DESCRIPTION

The CP-148 is a compact 4-in-1 telecom hand tool that combines a crimper for tel-splice connectors, a wire stripper, a cutter and long-nose pliers. It is suited to telecom-style cables and wiring and to UR / UY / UG, AMP tel-splice and 709 series connectors. A built-in handle lock keeps it closed for easy storage.

2. KEY FEATURES

- Crimper for UR / UY / UG, AMP tel-splice and 709 series connectors
- Stripping holes of 0.8 mm and 1.4 mm for AWG 24 / 22 and 20 / 18 / 16 wire
- Cutter for telecom wire: soft steel Ø 1.2 mm, copper Ø 2.5 mm
- Long-nose pliers for bending, pulling, twisting and holding wire
- Steel body with black oxide finish for corrosion resistance
- Handle lock for compact storage
- Compact 168 mm body with non-slip handles

3. APPLICATIONS

- Crimping tel-splice connectors on telecom cables
- Stripping and cutting telecom-style cable and wire
- Pulling, twisting and bending wire in tight spaces
- General telecom installation, repair and maintenance

4. COMPATIBLE CONNECTORS & WIRE SIZES

- Crimping: UR / UY / UG connectors, AMP tel-splice connectors, 709 series connectors
- Stripping: AWG 24 / 22 (0.8 mm hole) and AWG 20 / 18 / 16 (1.4 mm hole)
- Cutting: soft steel up to Ø 1.2 mm; copper up to Ø 2.5 mm
- Not for RJ45 / modular plugs, ring / spade terminals or wire above 16 AWG

5. TOOL SPECIFICATIONS

Model	CP-148
Function	Crimping, stripping, cutting and long-nose pliers (4-in-1)
Compatible Connectors	UR / UY / UG, AMP tel-splice and 709 series connectors

Die Type	Crimping die for tel-splice connectors, with built-in stop
Action	Manual squeeze
Stripper	0.8 mm and 1.4 mm holes for AWG 24 / 22 and 20 / 18 / 16 (Ø 0.5 / 0.6 / 0.8 / 1.0 / 1.3 mm)
Cutter	Soft steel Ø 1.2 mm; copper Ø 2.5 mm
Body / Handle	S55C steel body, black oxide finish; non-slip handles [PVC — confirm]
Hardness	Body HRC 42–48; cutting edge HRC 55–65
Length	168 mm

6. USAGE & MAINTENANCE

- To strip: place the wire in the matching hole (0.8 mm or 1.4 mm), squeeze and pull to remove the insulation without nicking the conductor.
- To crimp: insert the wires fully into the connector, seat the connector in the crimp die against the stop and squeeze firmly.
- Pull on the wires to check the crimp; if it is loose, discard the connector and re-crimp with a new one.
- Do not cut hardened steel or wire above the rated size, and do not use on live circuits.
- Lock the handles for storage, keep the tool clean and dry, and oil the pivot occasionally.