RT120-6281 Wire Stripper Shear 7" and Crimping Pliers 12–18 AWG

Strip / Crimp / Cut | 12–18 AWG | 7 in



1. GENERAL DESCRIPTION

The RT120-6281 is a 7-inch (175 mm) multi-function hand tool that combines wire stripping, terminal crimping and wire cutting for 12–18 AWG copper and aluminum wire. [It also shears small screws / bolts — confirm.] Compact and comfortable to use for general electrical installation and repair work.

2. KEY FEATURES

- Wire stripper for 12–18 AWG wire
- Crimping pliers for 12–18 AWG terminals
- Built-in wire cutter
- One-handed operation: grabs, holds, pulls and removes the outer jacket, and makes clean cuts
- Strong metal construction, HRC 55
- Ergonomic PP + TPR handles, comfortable for wet or oily hands
- [Screw / bolt shearing — confirm]

3. APPLICATIONS

- Stripping wire insulation in electrical and electronics work
- Crimping terminals and connectors on copper and aluminum wire
- Cutting wire to length
- General electrical installation, repair and maintenance

4. COMPATIBLE TERMINALS & WIRE SIZES

- Stripping range: 12–18 AWG
- Crimping range: 12–18 AWG
- Conductors: copper and aluminum wire
- [Terminals: insulated and non-insulated — confirm]
- Not for RJ45 / modular plugs or wire above 12 AWG

5. TOOL SPECIFICATIONS

Model	RT120-6281

Function	Wire stripping, terminal crimping and cutting
Compatible Terminals	[Insulated and non-insulated terminals, 12–18 AWG — confirm]
Die Type	[Crimping dies for terminals — confirm]
Action	Manual squeeze
Adjustment	[None — confirm]
Cutter	Built-in wire cutter
Body / Handle	Metal body, HRC 55; PP + TPR handles
Strip / Crimp Range	12–18 AWG
Conductor Types	Copper and aluminum wire
Length	175 mm (7 in)
Weight	[confirm]
Supplied With	[Tool only]

6. USAGE & MAINTENANCE

- Select the stripping hole or crimp die that matches the wire gauge or terminal size.
- To strip: place the wire in the matching hole, squeeze and pull to remove the insulation without nicking the conductor.
- To crimp: insert the stripped wire fully into the terminal, position the barrel in the matching die and squeeze firmly.
- Pull on the wire to check the crimp; if it is loose, discard the terminal and re-crimp with a new one.
- Always disconnect power before use; do not cut hardened steel or wire above the rated size.
- Keep the tool clean and dry, and oil the pivot occasionally.