

Nexa Professional RJ45 Ratchet Crimping Tool

The **Nexa Professional RJ45 Ratchet Crimping Tool** is a versatile networking hand tool designed for cutting, stripping, and crimping modular telephone and network data cables. It supports commonly used **8P/RJ45, 6P/RJ12, and 4P/RJ11 modular plugs**, making it suitable for structured cabling installation, maintenance, and repair applications.



Key Features:

- **Multi-Function Tool** – Cuts, strips, and crimps network cables.
- **Wide Plug Compatibility** – Supports RJ45, RJ12, and RJ11 plugs.
- **Built-In Ratchet Mechanism** – Ensures secure and consistent cable crimping.
- **Specialized Stripping Blades** – Cleanly strips round network cable jackets.
- **Ratchet Safety Release** – Helps prevent jams and incorrect operation.
- **DEC Plug Support** – Enables crimping through the removable side screw.
- **Professional Cable Termination** – Ideal for installation, maintenance, and repair.

Full Specifications:

Specification	Details
Brand	Nexa Communication
Product Type	Professional Ratchet Crimping Tool
Tool Functions	Cutting, Stripping, and Crimping
Supported Plug Type	Modular Telephone and Network Plugs
8P Plug Support	RJ45
6P Plug Support	RJ12
4P Plug Support	RJ11
DEC Plug Support	Compatible with 6P Holder
Crimping Mechanism	Built-In Ratchet Mechanism
Ratchet Safety	Manual Release Safety Screw
Cable Type	Round Network and Telephone Cables
Stripping Blade	Specialized Round Cable Stripping Blades
4P/6P Stripping Length	6mm
8P Cable Stripping	Lower Cutter Blade Guide
Cable Positioning	Perpendicular During Crimping
Plug Holder	Modular Plug Crimping Holder
Crimping Action	Controlled Ratchet Crimping
Ratchet Release	Counterclockwise Safety Screw Operation
DEC Crimping	Removable Side Screw Design
DEC Holder	6P Holder
Cable Preparation	Strip, Arrange, Insert, and Crimp
Application	Network Cable Termination
Application	Telephone Cable Termination
Application	Structured Cabling Installation
Application	Network Maintenance and Repair
Suitable Users	Network Technicians
Suitable Users	Structured Cabling Installers
Suitable Users	Telecom Professionals
Suitable Users	Maintenance Teams

Supported Cable Termination

Termination Type	Support
8P / RJ45	Supported
6P / RJ12	Supported
4P / RJ11	Supported
DEC Plug	Supported with Removable Side Screw

Tool Functions

Function	Description
Cable Cutting	Cuts modular telephone and network data cables
Cable Stripping	Removes outer jacket from round cables
RJ45 Crimping	Crimps 8P RJ45 modular plugs
RJ12 Crimping	Crimps 6P RJ12 modular plugs
RJ11 Crimping	Crimps 4P RJ11 modular plugs
DEC Crimping	Supports compatible DEC plugs using 6P holder
Ratchet Release	Allows manual release to prevent tool jams

Operating Procedure

Step	Operation
01	Insert the cable between stripping blades
02	Strip the required cable jacket length
03	Arrange conductors according to required wiring sequence
04	Insert conductors fully into modular plug
05	Position plug inside the tool holder
06	Squeeze handles until the ratchet completes
07	Remove the securely crimped modular plug

Additional Information

Feature	Details
Round Cable Stripping	Insert cable between round stripping blades
Stripping Method	Squeeze and rotate the cable carefully
Cable Preparation	Remove jacket without damaging conductors
Plug Insertion	Ensure proper conductor orientation inside plug
Crimping Position	Stripped wires positioned between tab and contacts
Ratchet Safety Screw	Enables manual release when required
DEC Plug Adjustment	Remove side screw from 6P holder
DEC Plug Installation	Insert compatible DEC plug and cable
Professional Use	Suitable for installation, maintenance, and repair