



1647

Safety release

## 1600 Crimp Tools

The 1600 Series is Paladin Tools' premium crimper family designed for the professional that demands superior quality and reliability. It is the most widely used tool amongst broadcast installers and professional cable assembly companies.

*Most of the 1600 Series crimpers for industrial and electrical applications have a fixed-die system. This ensures that the die sets are properly aligned and the tool is factory calibrated. These dies are made of an even higher grade steel and are double-plated to ensure the proper ruggedness.*

### Features:

- Precision-calibrated crimp profiles
- Finest-quality tool steel
- Long-lasting tool that delivers over 75,000 crimp cycles
- Ultra-smooth, advanced ratcheting system with built-in safety release
- Rugged, double-plated jaw design for increased life span
- Lifetime warranty on tool; one-year on die sets

### Advantages:

- Smallest grip hand tool on the market with the longest life span available
- True ergonomic rubber handles that are soft and won't quickly wear out or break
- Lowest hand-force of the long-life crimp tools on the market without compromising superior crimp force
- No breakover hand force – the effort required by most crimpers to make the last click at the end of the cycle to complete the crimp – the tool does the work

Technical	Weight
Crimp tool frame	19 oz. (538 g)
Die set	2 oz. (57 g)

Ordering	Part Number
Crimp tool frame	1600
Replacement handles	1600.9
Thumb screws (1 set)	2307



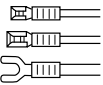
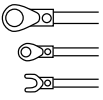


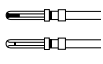
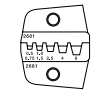
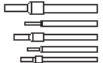
Reduced handle grip distance makes it easy for both small and large hands



Rugged, double-plated jaw design for increased life span



Precision ratchet for precision crimping.

Part Numbers	Connector Type(s)	Cable Type(s)	Crimp Sizes Type	Connector Manufact./Remarks
<b>Insulated Terminal Crimpers</b>				
 <b>Tool &amp; Die: 1605*</b> <b>Die Only: NONE</b>	Insulated terminals & lugs	Solid or stranded wire, 22-14 AWG (.34-2.5 mm <sup>2</sup> )	16-14(Blue)/22-18(Red) (1.5-2.5/.34-.75 mm <sup>2</sup> ) Terminal-Elliptical 2-level	Standard commercial terminals
<b>Non-Insulated Terminal Crimpers</b>				
 <b>Tool &amp; Die: 1618*</b> <b>Die Only: NONE</b>	Non-insulated terminals & lugs	Solid or stranded wire, 20-10 AWG (.5-6.0 mm <sup>2</sup> )	12-10/16-14/20-18 AWG (4-6/1.5-2.5/.5-.75 mm <sup>2</sup> ) Terminal, Indent	Standard commercial terminals
<b>Open Barrel Contacts, Box Contacts, and Terminals Crimpers</b>				
 <b>Tool &amp; Die: 1631*</b> <b>Die Only: NONE</b>	Open barrel contact pins	Stranded wire, 24-14 AWG (.2-2.5 mm <sup>2</sup> )	24-22/18-14 F-Type (.2-.34/.75-2.5 mm <sup>2</sup> )	Molex/Waldom/Leoco type connectors
 <b>Tool &amp; Die: 1645*</b> <b>Die Only: NONE</b>	Open barrel contact pins	Stranded wire, 30-18 AWG (.05-.75 mm <sup>2</sup> )	30-24/22-18 F-Type (.05-.2/.34-.75 mm <sup>2</sup> )	Molex/Waldom/Leoco type connectors
 <b>Tool &amp; Die: 1646*</b> <b>Die Only: NONE</b>	Open barrel D-sub contact pins	Stranded wire, 28-20 AWG (.08-.5 mm <sup>2</sup> )	28-24/22-20 F-Type (.08-.2/.34-.5 mm <sup>2</sup> )	For standard D-sub pins only
<b>Tool &amp; Die: 1670</b> <b>Die Only: NONE</b>	Rack and panel open barrel contacts	Solid or stranded 28-18 AWG (.08-75 mm <sup>2</sup> )	28-24 /22-18 (.08-.2/.34-.75 mm <sup>2</sup> )	EDAC or ELCO
<b>Wire Ferrule Crimpers</b>				
 <b>Tool &amp; Die: 1647</b> <b>Die Only: 2681</b>	Insulated & Non-insulated Ferrules	Stranded wire, 20-10 AWG (.5-6 mm <sup>2</sup> )	20-10 Trapezoid (.5-6.0 mm <sup>2</sup> )	For DIN or US type wire ferrules
 <b>Tool &amp; Die: 1648*</b> <b>Die Only: NONE</b>	Insulated & Non-insulated Ferrules	Stranded wire, 20-12 AWG (.5-4 mm <sup>2</sup> )	20-12 Trapezoid (.5-4.0 mm <sup>2</sup> )	For DIN or US type wire ferrules
<b>Tool &amp; Die: 901435*</b> <b>Die Only: NONE</b>	Insulated & Non-insulated Ferrules	Stranded wire, 24-10 AWG (.2-6 mm <sup>2</sup> )	24-10 Trapezoid (.2-6.0 mm <sup>2</sup> )	Rotatable crimp die
<b>Tool &amp; Die: 1649*</b> <b>Die Only: NONE</b>	Insulated & Non-insulated Ferrules	Stranded wire, 10-6 AWG (6-16 mm <sup>2</sup> )	10/8/6 Trapezoid (6/10/16 mm <sup>2</sup> )	For DIN or US type wire ferrules

\*The die sets for these tools are NOT removable or interchangeable. Removal of the die sets will void the warranty and cause the tool to lose calibration.