



CompX
SECURITY PRODUCTS

wire harness & cable assembly solutions





Komax 235 cutter/stripper



Stapla Raptor II ultrasonic wire welder

state of the art equipment

CompX utilizes state-of-the-art equipment from top manufacturers like Komax, Stapla, Cami and Shimpo.

- ◆ **Cutter/Stripper** – Cuts and strips wire and cable to precise programmed length.

individual wires | multi-conductor cable | wire braid | phone wire | full strip | half strip | partial strip

- ◆ **Wire Terminal Crimper** – A semi-automated machine that provides precise and consistent compression of wire terminals, ensuring accurate in-process crimp height, crimp force and strips.

Terminal types include: Molex | AMP | Deutsch | Hirose | Others

- ◆ **Ultrasonic Wire Welder** – Helps reduce design time and component costs by integrating 100% quality monitored ultrasonic splice welded wires into your wire and cable harnesses. High electrical integrity with strong metallurgical bonds ensures a reliable connection between various gauges of wire.



Komax BT 722 wire terminal crimper with crimp force technology



Welded wire example

Komax Cosmic 927R
micro-cable stripper



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services and capabilities

CompX is ready to meet your short to medium run mechanical and electrical cable assembly requirements.

- ◆ Engineering design support to help maximize efficiencies
- ◆ Electro-mechanical assembly, process development, fabrication and testing
- ◆ Semi-automated wire and cable cutting and stripping for quick change-over
- ◆ Ultrasonic Wire Welding
- ◆ Semi-automated terminal crimping
- ◆ Coaxial Cable Stripping
- ◆ Injection Molding & Potting
- ◆ Custom Wire Labels to identify individual wires; decreases assembly time and errors
- ◆ Soldering



value-added services



Cable Eye Testing



Pull Force Gauge



LCD Video Microscope

quality assurance testing

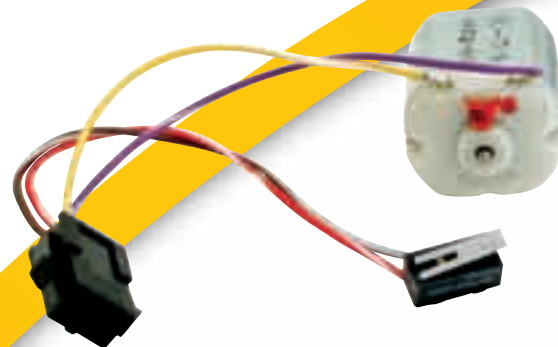
- ◆ In addition to in-process quality assurance, we perform 100% quality control final testing on all wire harness assemblies.
- ◆ **Cable Eye Testing** – Graphic wiring test that displays wiring errors such as opens, shorts, miswires, intermittent connections, isolation and resistance thresholds
- ◆ **Pull Force Gauge** – Tests crimp of wire terminal to ensure exact specifications are being met
- ◆ **LCD Video Microscope** – Visually confirms quality of terminal crimp

value-added wire assembly

- ◆ CompX can give your business a competitive edge by simplifying your wire assembly requirements.

We specialize in:

soldering | wire forming |
potting | encapsulating | laser
engraving | powder coating



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Crafting quality products in America since 1903.

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