



wire harness & cable assembly solutions





# 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





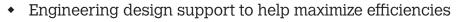




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# services and capabilities

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

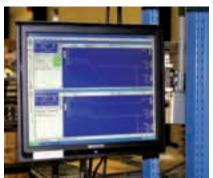


- Electro-mechanical assembly, process development, fabrication and testing
- Semi-automated wire and cable cutting and stripping for quick change-over
- Ultrasonic Wire Welding
- Semi-automated terminal crimping
- Coaxial Cable Stripping
- Injection Molding & Potting
- Custom Wire Labels to identify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





## value-added services









**Cable Eye Testing** 

**Pull Force Gauge** 

LCD Video Microscope

### quality assurance testing

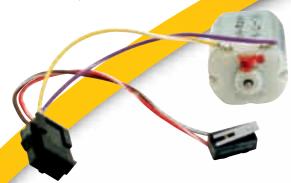
- In addition to in-process quality assurance, we perform 100% quality control final testing on all wire harness assemblies.
- Cable Eye Testing Graphic wiring test that displays wiring errors such as opens, shorts, miswires, intermittent connections, isolation and resistance thresholds
- Pull Force 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





Crafting quality products in America since 1903.