



CUSTOM CONNECTRONIX

Overview

Precision Solutions, Engineered for Your Application

When standard cables can't meet the unique demands of your application, Becker provides customized cable assemblies tailored exactly to your specifications. We design and manufacture robust solutions for specialized requirements, ensuring reliability even under the most challenging conditions.

Tailor-Made for Demanding Applications

We offer fully customized cable assemblies designed for:

- **High mechanical and motion stress** environments, designed specifically for dynamic motion and demanding applications involving constant torsional movement, robotics, and automated machinery.
- **Hybrid cable assemblies** integrating components from multiple manufacturers seamlessly.
- **System-independent solutions**, ensuring compatibility and performance across diverse industrial systems.

To deliver optimal performance even in extreme environments—including high temperature, continuous torsion motion, or aggressive surroundings—our dedicated research and development team collaborates closely with you to ensure that every solution we provide stands the test of time.



Our Comprehensive Capabilities

Becker provides fully harnessed cable assemblies and cable harnesses covering a broad spectrum of applications:

- **Drive, Fieldbus, and Control Cables** – tailored precisely to your operational needs.
- **Connector and Terminal Box Interfaces** – ensuring seamless connectivity and efficient installations.
- **Flexible Production Options** – both individual units and batch deliveries tailored to your schedule.



Benefits at a Glance:

- Single-source solutions streamline your procurement.
- Reduced installation and assembly time.
- Direct shipment from our facilities ensures rapid deployment.
- Comprehensive real-world testing guarantees reliability.
- Competitive pricing combined with industry-leading expertise.



Why Choose Becker Custom Connectronix Cable Assemblies?

- **Fully Customized Solutions:** Tailored exactly to your specifications, from single-piece prototypes to large series production runs.
- **UL/CSA Certified Quality:** All cable assemblies meet stringent UL, TUV and CSA certification standards, guaranteeing safety, reliability, and compliance.
- **Precision CAD-Driven Design:** Each solution is meticulously designed and engineered with advanced software, ensuring exact specifications and seamless integration into your systems.
- **Dedicated Service & Technical Support:** Our expert team offers personalized support throughout the entire process, from concept to final implementation.

Industry-Standard, High-Performance Cable Assemblies & Reliable Performance

The performance and reliability of cable assemblies depend greatly on the quality of their components. Becker exclusively uses flexible, high-performance robotic-grade cables, paired with robust, industrial-grade connectors.

Our ready-to-install cable assemblies consistently meet or exceed industry-leading standards. Each plug-and-play solution—including motor, servo, signal, and encoder cables—is precisely engineered using premium connectors, ensuring unmatched quality, durability, and performance in even the most demanding applications.

Connector Types Available:

- Data
- Actuator/Sensor
- Heavy-Duty Industrial Connectors
- Motor/Servo
- Feedback/Encoder

Typical Applications Include:

- Robotics & Pick-and-Place Systems
- CNC Machining Centers
- Automated Assembly Lines
- Subway and Transportation Systems
- Industrial Manufacturing Equipment

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