

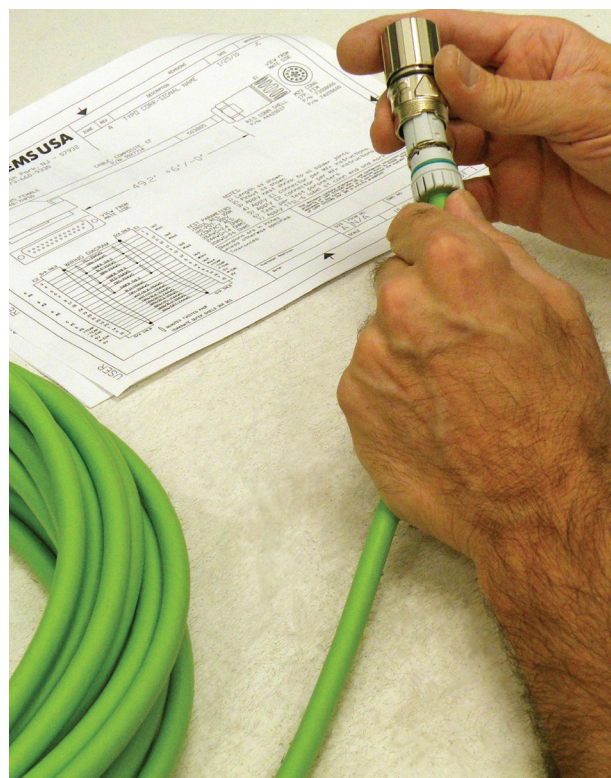
## Custom Assemblies

Expect Excellence

Our engineers and skilled sales support team provide a turn-key solution to your specific application requirements, from design concept through prototype, production, and testing. As part of the world-wide Lapp Group, Lapp Systems has access to a large in-house cable, connector, and accessory inventory of our own manufactured products and will source components as required to meet your specifications. Our UL & CSA recognized facilities allow us to quickly, efficiently, and reliably address projects from the small and simple to the large and complex.

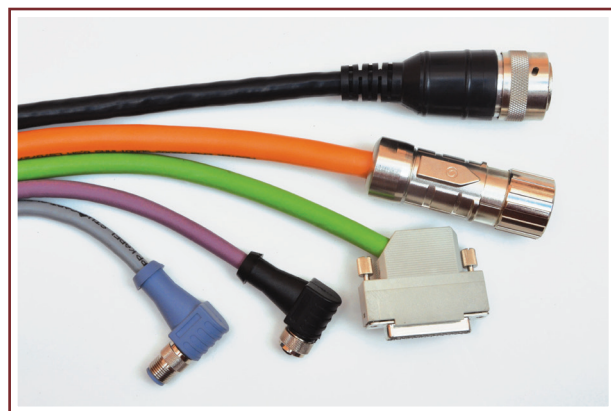
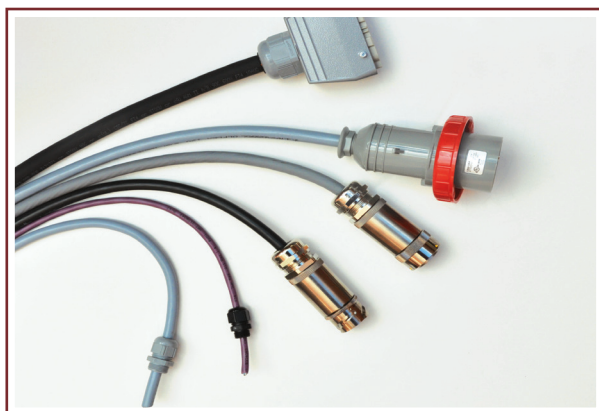
Lapp Systems provides customer assistance in the design and cost-effective assembly of servo and motor drive cables, wire harnesses, junction and control panels, control panel remote access ports, populated cable tracks, switch and emergency stop boxes, and non-standard industrial connector and harness products for special applications.

Our goal is to provide the entire solution for our customers. The burden of developing a concept, applying the engineering, and transitioning to production can be very taxing on company resources. Our engineering expertise and proactive assembly processes will enable a customer to conserve resources for other needs. We can review the interconnection needs, recommend connectivity solutions, provide concept drawings, quotations, final engineering drawings, and quality finished products. All the customer needs to do is provide either data or access and subsequently, a purchase order. It's as easy as that.

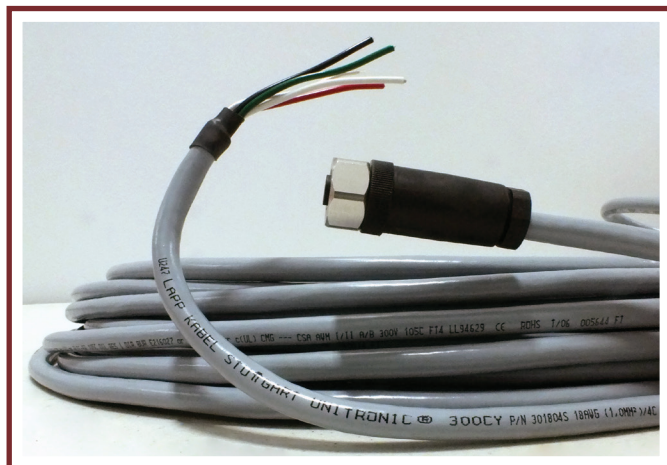
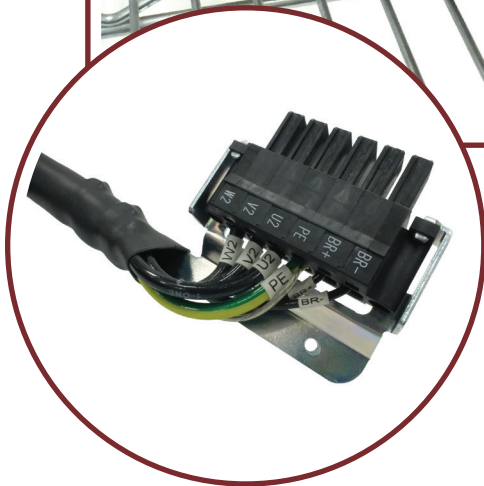
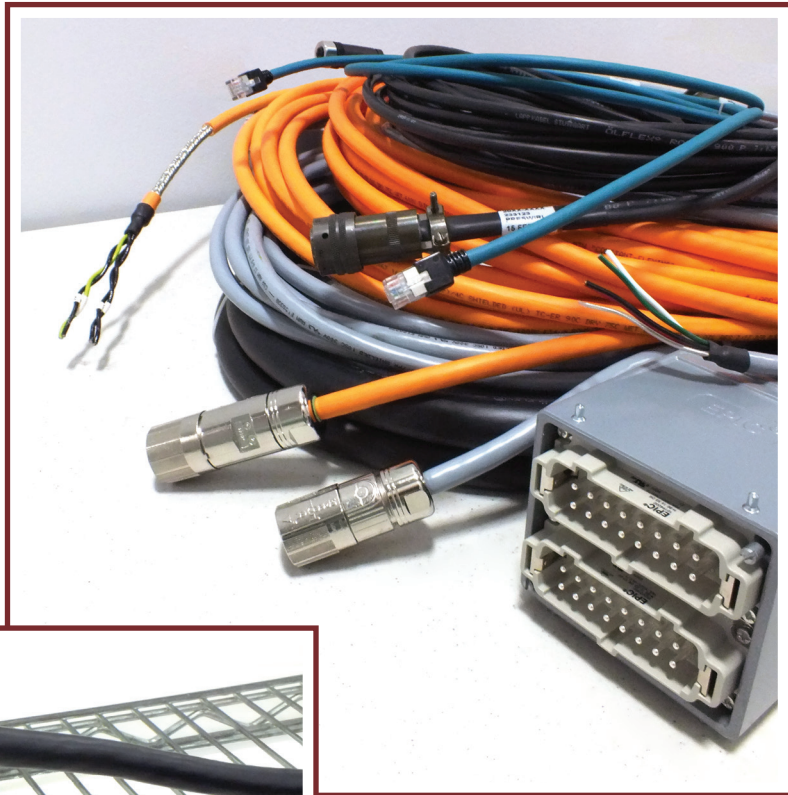


## Lapp Systems Capabilities

- Compliant with IPC/WHMA-A-620, ISO 9001:2008 & RoHS
- Full engineering design
- Documentation including CAD drawings
- Wide range of insulation and jacket materials, including ability for custom cable design
- Thousands of connector options, including rectangular, circular, and pin & sleeve connectors
- 100% quality tested
- Connector overmolding capabilities in both standard and custom offerings
- Design and fabrication of populated cable track
- Complete range of interconnect options for remote access ports
- Assemblies can be UL recognized & CSA approved at customer request



Photographs are not to scale and are not true representations of the products in question.  
For current information go to our website. If not otherwise specified, all values relating to the product are nominal values.

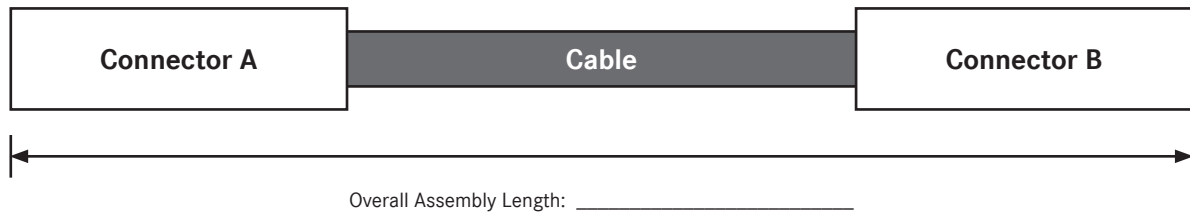


## Custom Assemblies

## Custom Assembly Order Form

Lapp Systems offers the complete custom cable assembly solution. Concept development, application engineering, and high-quality production are performed by a team of experts with over 40 years of experience in the industry. A variety of connectorization methods and types are offered to satisfy almost any application requirement. With the ability to use a wide array of hardware and component manufacturers, Lapp Systems can provide existing designs or new concepts and techniques based on customer needs. Use this form to design your assembly, or call us at 800-774-3539 and let the experts guide you with your custom design.

## ■ Assembly Specifications



Connector A	Cable	Connector B
Housing (hood/base): _____	Cable type: _____	Housing (hood/base): _____
Strain relief: _____	Cable length: _____	Strain relief: _____
Insert: _____		Insert: _____

## ■ Cable Specifications

Manufacturer: _____		Part number (standard): _____		Cable type: <input type="checkbox"/> Round cable <input type="checkbox"/> Flat cable	
<b>Cable Attributes</b>					
Voltage: _____		Flexibility: _____		Shield type:	
Amperage: _____		Color code: _____		<input type="checkbox"/> Foil shield <input type="checkbox"/> Braid shield	
Temperature: _____		Jacket color: _____		<input type="checkbox"/> Individual shield <input type="checkbox"/> Unshielded	
<b>Conductor Attributes</b>					
# of conductors: _____		AWG size: _____		Conductor type:	
# of pairs: _____		O.D. (in): _____		<input type="checkbox"/> Solid copper <input type="checkbox"/> Stranded copper	
				<input type="checkbox"/> Bare copper <input type="checkbox"/> Tinned copper	
				Termination:	
				<input type="checkbox"/> Screw <input type="checkbox"/> Crimp	
				<input type="checkbox"/> Solder <input type="checkbox"/> Cage clamp	
<b>Environmental Rating</b>					
<input type="checkbox"/> NEMA 4 <input type="checkbox"/> NEMA 4X <input type="checkbox"/> NEMA 12 <input type="checkbox"/> IP54 <input type="checkbox"/> IP65 <input type="checkbox"/> IP67 <input type="checkbox"/> IP68 <input type="checkbox"/> IP69K <input type="checkbox"/> Other: _____					
<b>Approvals</b>			<b>Requirements</b>		
<input type="checkbox"/> UL <input type="checkbox"/> CSA <input type="checkbox"/> CE <input type="checkbox"/> None <input type="checkbox"/> Other: _____			Conduit type: _____ Ground requirements: _____ Special concerns (e.g., chemicals): _____		

Fax completed order form to 973-660-9330 or email to sales@lappusa.com or your local Lapp representative.

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