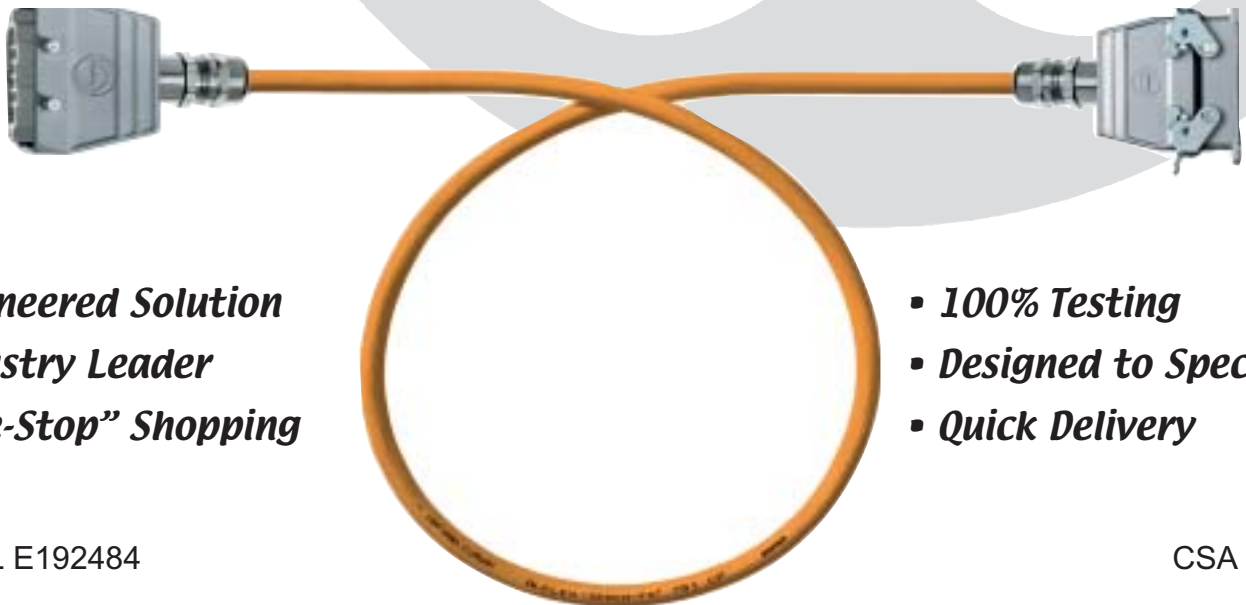


Servo Drive Cable Assemblies

Remote Access Ports ♦ Populated Cable Tracks

Custom Cable Assemblies/Harnesses



- *Engineered Solution*
- *Industry Leader*
- *“One-Stop” Shopping*

- *100% Testing*
- *Designed to Specifications*
- *Quick Delivery*

UL E192484

CSA 209964

www.lappsystemsusa.com
800-774-3539



LAPP SYSTEMS USA

LAPP SYSTEMS USA DRIVE CABLE

MOTOR POWER, FEEDBACK, AND BRAKE ASSEMBLIES

Lapp Systems USA offers a wide variety of cable assembly solutions for many servo motor and drive applications. These assemblies are built in strict compliance to the manufacturer's specifications and can be offered in either continuous-flex or stationary versions. Standard lengths are available from stock for immediate delivery. Lapp Systems USA can also manufacture custom lengths and designs to meet specific application requirements.



Flex-test data, as well as chemical resistance information, can be provided upon request.

FLEX LIFE PERFORMANCE & DURABILITY TEST DATA

TEST CONDITIONS:	
Minimum Bending Radius Factor:	10 X Outer Diameter
Bending Radius Factor During Test:	7.7 X Outer Diameter
Travel Distance Under Test Conditions:	18 Feet
Acceleration Under Test Conditions:	Varied up to 26 Feet per Second
Temperature Range During Test:	+10°C to +22°C
Speed of Travel During Test:	Varied from 6.5 to 13 Feet per Second
TEST RESULTS (# of Cycles)	8,340,142

CROSS REFERENCE FOR ALLEN-BRADLEY® ULTRA 3000/5000 DRIVE CABLE ASSEMBLIES Continuous-Flex Versions

LAPP Part #: (Flexing)	Rockwell Part #: (Static)	Description:
73501XXX*	2090-UXNPAH-16Sxx*	500W, 1&2kW Ultra 3000/5000 to H Series Motors
73502XXX	2090-UXNPAHF-14Sxx	2 or 3kW Ultra 3000/5000 to H or F Series Motors
73503XXX	2090-UXNPAHF-10Sxx	7.5 kW Ultra 3000/5000 to H or F Series Motors
73506XXX	2090-UXNPAHF-8Sxx	15 kW Ultra 3000/5000 to H or F Series Motors
73513XXX	2090-UXNFBHF-Sxx	Ultra 3000/5000 CN2 Port to H or F Series Motors
73525XXX	2090-UXNFDHF-Sxx	Flying Leads on Drive End to H or F Series Motors
73505XXX	2090-UXNPAY-16Sxx	500W, 1&2kW Ultra 3000/5000 to Y Series Motors
73514XXX	2090-UXNFDHY-Sxx	Flying Leads on Drive End to Y Series Motors
73515XXX	2090-UXNFBY-Sxx	Ultra 3000/5000 CN2 Port to Y Series Motors
73507XXX	2090-UXNPAN-16Sxx	500W, 1&2kW Ultra 3000/5000 to N Series Motors
73516XXX	2090-UXNFBN-Sxx	Ultra 3000/5000 CN2 Port to N Series Motors
73527XXX	2090-UXNFDN-Sxx	Flying Leads on Drive End to N Series Motors
73529XXX-16	2090-UXNP*MP-16Sxx	500W, 1&2kW Ultra 3000/5000 to MP Series Motors
73529XXX-14	2090-UXNP*MP-14Sxx	2 or 3kW Ultra 3000/5000 to MP Series Motors
73529XXX-10	2090-UXNP*MP-10Sxx	7.5kW Ultra 3000/5000 to MP Series Motors
73528XXX	2090-UXNFBMP-Sxx	Ultra 3000/5000 CN2 Port to MP Series Motors
73526XXX	2090-UXNFDMP-Sxx	Flying Leads on Drive End to MP Series Motors
73524XXX	2090-UXNBMP-18Sxx	MP Series Motor Brake Cable Assembly

* -A or B, Assembly suitable for both 230V or 460V Motors

Sxx= Length in meters (XXX in Lapp Part # = Feet)

Stationary versions & custom designs are available.

Compatible assemblies for Allen-Bradley® 1398 Series Ultra 100, 200, and Plus drive cable assemblies are also available.

Allen-Bradley is a trademark of Rockwell Automation, a core business of Rockwell Automation.

REMOTE ACCESS PORTS



Lapp Systems USA offers a full line of Remote Access Ports in a wide array of configurations using standard panel mount bases. Enclosures are rated NEMA 4, 4X, or 12 with varying IP designations. These ports create an input/output device that will interface with an industrial control system. The result is reduced down time and improved safety, by restricting access to an open electrical panel while still protecting the convenience port from the industrial environment. Interface ports may be prewired with cable sets.

Standard and custom configurations are available. These include: AC outlets, circuit breakers, DIN couplers, phone jacks, D-Sub connectors, key lock switches, computer data storage devices and just about any component that can fit in the available port housings.



24-35DD

Remote Access Port with 3.5" Disk Drive Assembly bracket with drive

24-35ND

Remote Access Port with 3.5" Disk Drive Assembly bracket without drive



Part # 6-45CS



Part # 10-1-9MP



Part # 48-2S-3A-45CS



Part # 16-1-45CS



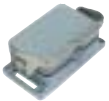
24-1-3A-9FT

Many designs available for IMMEDIATE delivery.

UL FILE # E211786

CUSTOM REMOTE ACCESS PORTS

ENCLOSURES

	<input checked="" type="checkbox"/> Description: <input type="checkbox"/> HBE 6 Enclosure <input type="checkbox"/> HBE 10 Enclosure	Part #: 6 10	<input checked="" type="checkbox"/> Description: <input type="checkbox"/> HBE 16 Enclosure <input type="checkbox"/> HBE 24 Enclosure	Part #: 16 24	<input checked="" type="checkbox"/> Description: <input type="checkbox"/> HBE 32 Enclosure <input type="checkbox"/> HBE 48 Enclosure	Part #: 32 48	* Note: Available in surface mount bases.
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COMPONENTS

AC OUTLETS

<input checked="" type="checkbox"/> Description:	Part #:
<input type="checkbox"/> Single AC Outlet	1
<input type="checkbox"/> Single AC Outlet Slim	1S
<input type="checkbox"/> Single AC Plug	1M
<input type="checkbox"/> Duplex AC Outlet	2
<input type="checkbox"/> Duplex Outlet w/Screw Term	2S
<input type="checkbox"/> GFCI: Ground Fault Circuit Interrupt	G2
<input type="checkbox"/> European Outlet	GAC

D'SUBMINIATURES

Qty:	<input checked="" type="checkbox"/> Description:	Part #:	Gender:	Termination:	Pass Through Configuration:
—	<input type="checkbox"/> DB 9 = DH+, DH 485, M984	9	<input type="checkbox"/> M <input type="checkbox"/> F	<input type="checkbox"/> T <input type="checkbox"/> S <input type="checkbox"/> P	_____
—	<input type="checkbox"/> DB 15= PLC 2	15	<input type="checkbox"/> M <input type="checkbox"/> F	<input type="checkbox"/> T <input type="checkbox"/> S <input type="checkbox"/> P	_____
—	<input type="checkbox"/> DB 15 High Density= Video, VGA	H15	<input type="checkbox"/> M <input type="checkbox"/> F	<input type="checkbox"/> T <input type="checkbox"/> S <input type="checkbox"/> P	_____
—	<input type="checkbox"/> DB 25= RS232, Parallel, Printer, PLC3	25	<input type="checkbox"/> M <input type="checkbox"/> F	<input type="checkbox"/> T <input type="checkbox"/> S <input type="checkbox"/> P	_____
—	<input type="checkbox"/> DB 37	37	<input type="checkbox"/> M <input type="checkbox"/> F	<input type="checkbox"/> T <input type="checkbox"/> S <input type="checkbox"/> P	_____
—	<input type="checkbox"/> DB 9 with 3 Pos Header Interface	9T3H	<input type="checkbox"/> M <input type="checkbox"/> F	<input type="checkbox"/> 3 Position Header (+3H)	_____
Terminal Block Interface (T), Solder Cup (S), Pass-Through (P) (specify genders)					

CIRCUIT BREAKERS

<input type="checkbox"/> 1 Amp Circuit Breaker	1A
<input type="checkbox"/> 2 Amp Circuit Breaker	2A
<input type="checkbox"/> 3 Amp Circuit Breaker	3A
<input type="checkbox"/> 5 Amp Circuit Breaker	5A

PERIPHERAL DEVICES

<input type="checkbox"/> 3.5" Internal Drive with Bracket	35DD
<input type="checkbox"/> 3.5" Disk Drive Bracket without Drive	35ND
<input type="checkbox"/> Zip Drive Bracket with Drive	ZIPDD
<input type="checkbox"/> Zip Drive Bracket without Drive	ZIPND
<input type="checkbox"/> 3.5" Disk Drive/ CD-Rom Drive	DD-CD
<input type="checkbox"/> CD-Rom Bracket with Internal Drive	CDR
<input type="checkbox"/> CD-Rom Bracket without Drive	NCDR

COMMUNICATION JACKS

<input type="checkbox"/> RJ 45 Coupler= DH 485, SLC 500	45C
Ethernet, Control Net, 10 Base	
<input type="checkbox"/> RJ 45 Shielded Coupler	45CS
<input type="checkbox"/> RJ 45 CAT5	45C5
<input type="checkbox"/> RJ 45 Shielded CAT5	45C5S
<input type="checkbox"/> RJ 11 Coupler	11C
<input type="checkbox"/> Terminal Block Interface	T

MINI DIN COUPLERS

<input type="checkbox"/> 6 Pos Mini Din Coupler	MD6P
<input type="checkbox"/> 8 Pos Mini Din= SLC5/04, Data Highway+, Enhanced PLC5	MD8P
<input type="checkbox"/> Terminal Block Interface	T

LOCKS

<input type="checkbox"/> Electrical / Switch Lock	L
<input type="checkbox"/> Cover Lock Out	LO

3 POSITION HEADERS

<input type="checkbox"/> 3 Pos Header = Data Highway +	3H
<input type="checkbox"/> 5 Pos Header	5H

DIN COUPLERS

<input type="checkbox"/> 5 Pos Din Coupler= AT style keyboard	D5P
<input type="checkbox"/> Terminal Block Interface	T

FIBER OPTIC COUPLERS

<input type="checkbox"/> Fiber Optic Coupler: Specify type: _____	
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USB PORTS

<input type="checkbox"/> USB Port	UFP
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CABLE ASSEMBLIES

Ports may be ordered prewired with cable sets. Add CX to the end of the component part number which should be prewired. Replace the X with the desired cable length in feet.

POPULATED CABLE TRACKS

Lapp Systems USA specializes in custom populated cable carriers and assemblies for use in automation and control systems.

Focused efforts have led to the development of “turn-key” solutions which include everything from cables and strain relief to fully connectorized cable assemblies and hose hook-ups.

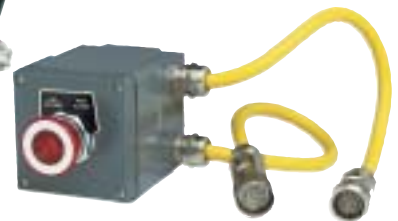
FEATURES:

1. Overall cost savings
2. Longer flex life and reliability
3. Custom designs for each application
4. Performance warranty
5. Assembled by the experts in cable design
6. One supplier, one part number



CUSTOM ASSEMBLIES

Lapp Systems USA offers the complete custom 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. With the ability to use many different connectorization methods and types, Lapp Systems USA can provide a new design based on customer specific requirements.



29 Hanover Road, Florham Park, NJ 07932

800-774-3539 • Fax: 973-660-0180

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