

LEX

PRODUCTS CORP.

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Electrical Power Distribution Products for

- *Convention Center*
- *Motion Picture*
- *Special Event*
- *Temporary Power*
- *Theatrical*
- *Government (GSA Contract)*
- *Military and Special Purpose*



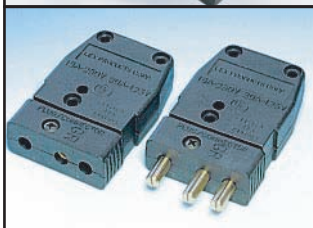
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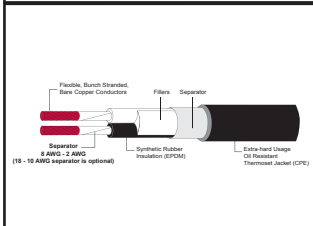
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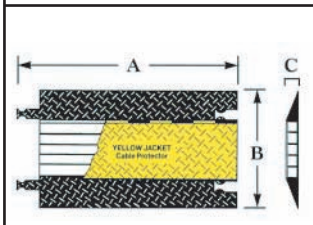
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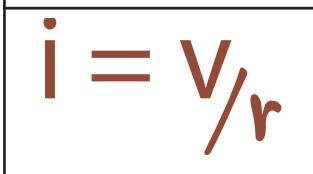
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Thank you for your interest in Lex Products Corp. We welcome you to review this catalog. It should give you a pretty good idea of our unique product lines and capabilities.

Please contact us by phone or e-mail to discuss your specific power distribution needs. You will find a group of people eager to help, whether it involves designing a custom product, shipping a rush order, or simply deciphering a table in the National Electric Code.

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WINNER OF



LDI 2003
WIDGET
OF THE YEAR
E-STRING™



LDI 2001
WIDGET
OF THE YEAR
19 PIN SPLITTER



2003
DEALERS' CHOICE
WIDGET OF THE YEAR
E-STRING

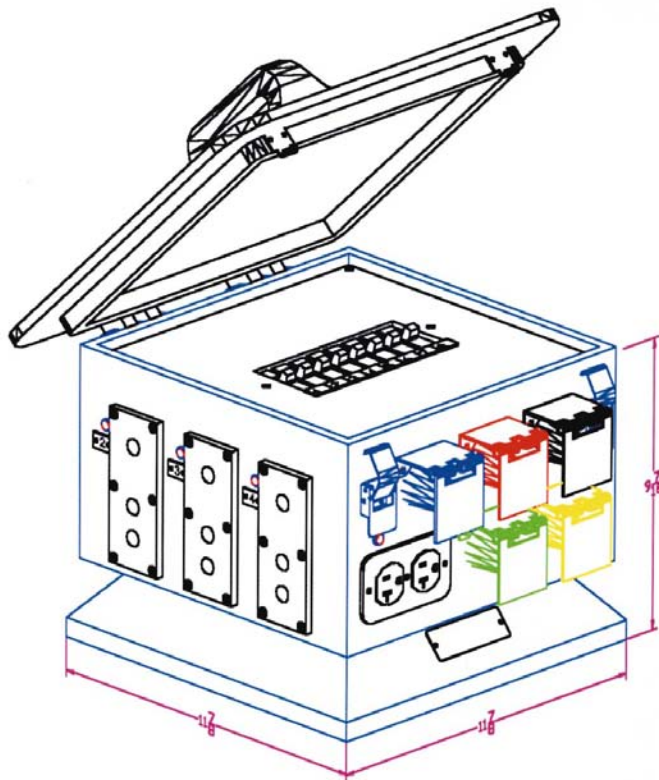


LDI 2004
WIDGET
OF THE YEAR
DataSNAKE™



DEALERS
Choice
Award
for
Outstanding
Customer
Service
2000

LEX Molded Rubber Portable Power Distribution Boxes



Hinged lid provides:

- weather protection for outlets
- protection for circuit breakers

Exclusive molded rubber enclosure provides:

- impact resistance
- stacking during use/storage
- moisture resistance
- corrosion resistance
- fully insulated

Extremely compact design results from insulated housing and positioning of circuit breakers.

Sturdy base protects against water and makes outlets more accessible.

UL LISTED Units Available As: NEMA 3R Weatherproof NEMA 1 Indoor	LEX PRODUCTS CORP. 401 Shippan Avenue, Stamford, CT 06902			
	A40 BOX 200A INPUT FEED THRU TO (6) 100A STAGE PIN, (2) 20A DUPLEX RECEPTACLES			
	SIZE A	DRAWN BY: HL DATE: 06-30-2001	DWG NO. DB200A-A4061FT	REV
	SCALE: NONE	MAT'L/FIN.:	SHEET	

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DISTRIBUTION BOXES

Main Circuit Breaker Boxes

The boxes on this page are available as  NEMA 3R weatherproof with covers throughout or as NEMA 1 indoor with covers on female cams only.

400 Amp 3 Phase



Catalog No:	DB400A-BB-FT01
Input/Feed Thru:	400 Amp 3Ø (5) Wire Cam Panel Mount In/Out
Output:	(2) 20A-125V Duplex Receptacles
Overcurrent Protection:	(1) 400 Amp 3Ø Main, (2) 20 Amp Single Pole Branch Circuit Rated Breakers
Dimensions	21.5"L x 20"W x 15"H including handles
Weight:	45 lbs.

200 Amp 3 Phase



Catalog No:	DB200A-BB-FT
Input/Feed Thru:	200 Amp 3Ø (5) Wire Cam Panel Mount In/Out
Output:	(2) 20A-125V Duplex Receptacles
Overcurrent Protection:	(1) 200 Amp 3Ø Main, (2) 20 Amp Single Pole Branch Circuit Rated Breakers
Dimensions	18.25"L x 17.5"W x 6.5"H including handles
Weight:	35 lbs.

400 Amp Cam 3Ø Splitter Box



Catalog No:	DB400A-F202000
Input/Feed thru:	400 Amp 3Ø (5) Wire Cam Panel Mount
Output:	(4) 100 Amp 3Ø, (5) Wire Cam Panel Mount
Overcurrent Protection:	(2) 20A GFCI Duplex Receptacles
	(4) 100 Amp Three Pole Branch Circuit Rated Breakers
	(2) 20A Single Pole Branch Circuit Rated Breakers
Dimensions:	15"L x 18"W x 22"H including handle
Weight:	75 lbs.

200 Amp 3 Phase to (6) 100 Amp Studio Outlets



Catalog No:	DB200A-A4061FT
Input/Feed Thru:	200 Amp 3Ø (5) Wire Cam Panel Mount In/Out
Output:	(6) 100A-125V Studio Pin Receptacles (2) 20A-125V Duplex Receptacles
Overcurrent Protection:	(6) 100 Amp Single Pole & (2) 20 Amp Single Pole Branch Circuit Rated Breakers
Dimensions	11"L x 11"W x 13"H including handle

200 Amp 3 Phase to (4) 19 Pin Outlets (6 - 20 Amp 125 Volt circuits per connector)



Catalog No:	DBS200-A4BM2
Input:	200 Amp 3Ø (5) Wire Male Cam Tails
Output:	(4) 19 Pin LSC outlets with weatherproof covers Providing (6) Single Phase 2 pole 3 wire 20A-125V circuits (3) 20A-125V Duplex Receptacles
Overcurrent Protection:	(27) 20 Amp Single Pole Branch Circuit Rated Breakers
Dimensions:	11"L x 11"W x 13"H including handle
Weight:	39 lbs.

 Listed NEMA 1

100 Amp 3 Phase to (15) 20 Amp Duplex




Catalog No:	DB100A-A401520
Input:	100 Amp 3Ø (5) Wire Male Cam Tails
Output:	(15) 20A-125V Duplex Receptacles
Overcurrent Protection:	(15) 20 Amp Single Pole Branch Circuit Rated Breakers
Dimensions:	11"L x 11"W x 13"H including handle
Weight:	32 lbs.

 Listed NEMA 1

100 Amp 3 Phase to 20 Amp 220 Volt plus 20 Amp 125 Volt Duplex (Moving Light Box)



Catalog No:	DBS100DT-A4DB2
Input:	100 Amp 3Ø (5) Wire Male Cam Tails
Output:	(6) L6-20 20A-240V locking flanged receptacles (3) 20A-125V Duplex receptacles with weatherproof covers
Overcurrent Protection:	(6) 20 Amp Double Pole, (3) 20 Amp Single Pole Branch Circuit Rated Breakers
Dimensions:	11"L x 11"W x 13"H including handle
Weight:	31 lbs.

 Listed NEMA 1

100 Amp 3 Phase to (3) 100 Amp Studio Pin Output



Catalog No:	DBS100DT-B4B12
Input:	100 Amp 3Ø (5) Wire Cam Tails
Output:	(3) 100A-125V Studio Pin Receptacles (3) 20A-125V Duplex Receptacles
Overcurrent Protection:	(3) 100 Amp Single Pole, (3) 20 Amp Single Pole Branch Circuit Rated Breakers
Dimensions	9"L x 9"W x 11"H
Weight:	24 lbs.

 Listed NEMA 1

100 Amp Single Phase to (5) 20 Amp Duplex Lunchbox



Catalog No:	DBS100FP-B4B2
Input:	100 Amp 125V Panel Mount Studio Pin
Output:	(5) 20 Amp-125V Duplex Receptacles
Overcurrent Protection:	(5) 20 Amp Single Pole Branch Circuit Rated Breakers
Dimensions:	9"L x 9"W x 11"H
Weight:	16 lbs.

 Listed NEMA 1

100 Amp Single Phase to (5) 20 Amp Circuits



Catalog No:	DB100A-520
Input:	100 Amp Single Ø, Group 5® Studio Pin Plug
Output:	(3) 20A-125V Duplex Receptacles
Overcurrent Protection:	(5) 20 Amp Single Pole Branch Circuit Rated Breakers
Dimensions:	14.25"L x 4.5"W x 2.5"H
Weight:	8 lbs.
Options:	Weatherproof cover for receptacles

60 Amp Single Phase to (3) 20 Amp Circuits



Catalog No:	DB60A-CO3320
Input:	60 Amp Single Ø, Group 5® Studio Pin Plug
Output:	(2) 20A-125V Duplex Receptacles
Overcurrent Protection:	(3) 20 Amp Single Pole Branch Circuit Rated Breakers
Dimensions:	9.25"L x 5"W x 2.75"H
Weight:	6 lbs.
Options:	Weatherproof cover for receptacles

19 Pin (20 Amp 125 Volt 6 Circuit) Splitter



WINNER
LDI 2001
WIDGET OF THE
YEAR

Also available with multicable
tails for input or outputs.

Catalog No: DB20A-19MFF
Input: LSC 19 Pin Male Panel
Mount Plug
Output: (2) LSC 19 Pin Female
Panel Mount
Overcurrent Protection: None
Dimensions: 6.5"L x 5.5"W x 2.5"H
Weight: 3 lbs.



19 Pin Six Circuit Combination Box



Catalog No: DB120-COCMB01
Input: LSC 19 Pin Male Inline
Plug
Output: (6) 20A-125V Single
Receptacles (3 Split
Duplex Circuits)
(6) 20A-125V Stage Pin
Receptacles
Overcurrent Protection: None
Dimensions: 14.5"L x 4.5"W x 2.5"H
Weight: 8 lbs.

20 Amp 3 Phase to (3) 20 Amp Duplex Feed Thru (Convention Center)



Catalog No: DB20A-C11DHFT
Input/Feed Thru: 4P5W 120-208VAC, L21-20 Flanged inlet
4P5W 120-208VAC, L21-20 Flanged outlet
Output: (3) 20A-125V Duplex Receptacles
Overcurrent Protection: None
Dimensions: 7.25"L x 5"W x 4.5"H
Weight: 5 lbs.

20 Amp 3 Phase Outlet Stringer



Catalog No: DB20-QD50-3FU
Input/Feed Thru: 4P5W 120-208 VAC, L21-20 weatherproof male plug
4P5W 120-208VAC, L21-20 weatherproof female connector
Output: (6) 20A-125V Duplex Receptacles, placed in (3) Quad boxes.
Cord Specification: 12/5 SOW-A, 15' from male plug to first box, then 10' between boxes. Overall length of unit 50"
Overcurrent Prot: None
Dimensions: Quad boxes: 3.75"L x 2.5"W x 4"H
Cable length 50'
Weight: 24 lbs.

Cable Reel



Catalog No: CRHO1-50-320
Input: 4P5W 20A 120-208VAC L21-20 weatherproof male plug
Output: (3) 20A-125V Duplex Receptacles
Cable: 50' 12/5 500W-A portable cord
Circuit Protection: None
Dimensions: 13"L x 8"W x 15"H
Weight: 29 lbs. with cable

1800 Watt Dimmer



Catalog No: DB15A-DMK18KW
Input: 15 Amp-120V Male Edison Plug
Output: (2) 15A-120V Duplex Receptacles
Dimmer: 1800 Watt Rotary Incandescent 60Hz. only
Dimensions: 5"L x 5"W x 3.5"H
Weight: 3 lbs.

Cam Extensions



Cam Extensions are made with single pole cam type connectors and either Type W (Industrial) or Type SC (Entertainment) feeder cable.

Rating	Male Connector	Cable	Female Connector	Catalog Number
400A 600V	E1016 Inline	4/0 Type W (Industrial)	E1016 Inline	FE600W-XX
400A 600V	E1016 Inline	4/0 Type S.C. (Entertainment)	E1016 Inline	FE6000-XX
300A 600V	E1016 Inline	2/0 Type W (Industrial)	E1016 Inline	FE500W-XX
300A 600V	E1016 Inline	2/0 Type S.C. (Entertainment)	E1016 Inline	FE5000-XX
220A 600V	E1016 Inline	1 Type W (Industrial)	E1016 Inline	FE400W-XX
220A 600V	E1016 Inline	1 Type S.C. (Entertainment)	E1016 Inline	FE4000-XX
190A 600V	E1016 Inline	2 Type W (Industrial)	E1016 Inline	FE300W-XX
190A 600V	E1016 Inline	2 Type S.C. (Entertainment)	E1016 Inline	FE3000-XX

Add suffix to indicate connector color: A=Black B=White C=Red D=Blue E=Green

Specify cable length

Studio/Stage Pin Extension



20 Amp Stage Pin Extensions are made with Extra Hard Usage (Type SOW-A) or Junior Hard Service (SJOW-A) portable cord.

100 Amp and 60 Amp Studio Pin Extensions are made with single conductor Entertainment Cable (Type SC) banded every 2 feet with heavy duty sealant type heat shrink tubing.



Rating	Male Connector	Cable	Female Connector	Catalog Number
100A 125V 2P 3W	Group 5® 100A 2P3W Studio Pin	3x #4 AWG Type S.C. Entertainment	Group 5® 100A 2P3W Studio Pin	BE2000-XX
60A 125V 2P 3W	Group 5® 60A 2P3W Studio Pin	3x #6AWG Type S.C. Entertainment	Group 5® 60A 2P3W Studio Pin	BE1000-XX
20A 125V 2P 3W	Bates® 20A 2P3W Stage Pin	12/3 SOW-A Portable Cord Extra Hard Usage	Bates® 20A 2P3W Stage Pin	BE7000-XX
20A 125V 2P 3W	Bates® 20A 2P3W Stage Pin	12/3 SJOW-A Portable Cord Junior Hard Service	Bates® 20A 2P3W Stage Pin	BE7000J-XX

Specify cable length

100 Amp and 60 Amp Extensions are available with green #6 S.C. as the ground conductor. Specify green #6 ground when ordering.

NEMA Wiring Device Extensions



3 Phase 30 Amp
120/208 VAC (4P5W) Extension (on left).

Single Phase 15 Amp
125 VAC (2P3W) Extension (on right).

White extensions available – please call
for details

NEMA Wiring Device Extensions are made with Extra Hard Usage (SOW-A) or Junior Hard Service (SJOW-A) Portable Cord and Industrial Wiring Devices.

Rating	Male Connector	Cable	Female Connector	NEMA Configuration	Catalog Number
15A 125V 2P3W	NEMA 5-15P All Black	12/3 SJOW-A Jr. Hard Service	NEMA 5-15R All Black		PE700J515-XX
15A 125V 2P3W	NEMA 5-15P All Black	12/3 SOW-A Extra Hard Usage	NEMA 5-15R All Black		PE7000515-XX
20A 125V 2P3W	NEMA L5-20P All Black	12/3 SOW-A Extra Hard Usage	NEMA L5-20R All Black		PE7000L520-XX
30A 120/208V 2P3W	NEMA L21-30P Black/White	10/5 SOW-A Extra Hard Usage	NEMA L21-30R Black/White		PE105L2130-XX

Specify cable length



100A Pin & Sleeve Extensions (on left).

50A Locking Extensions (on right).

100A Pin & Sleeve and 50A Locking Extensions are made with Extra Hard Usage (SOW-A) Portable Cord and Leviton Industrial Wiring Devices.

Rating	Male Connector	Cable	Female Connector	Configuration	Catalog Number
50A 125/250 3P4W	CS63-65C	6/4 SOW-A	CS63-64C		PE6/4-CS63-XX
100A 120/208V 4P5W	5100P9W	2/5 SOW-A Extra Hard Usage	5100C9W		PE25-519-XX

Specify cable length

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Tie-In Sets



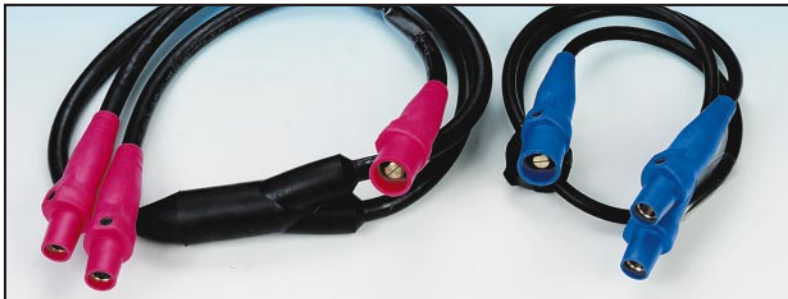
Bare End tie-in set.
Large size shown (4/0-400 Amps).

Rating	Male Connector	Cable	Female Connector	Catalog Number
400 Amps 250 Volts	Bare Cable End	4/0 Type S.C. Entertainment	(5) 1016 Inline	TS600F-XX
300 Amps 250 Volts	Bare Cable End	2/0 Type S.C. Entertainment	(5) 1016 Inline	TS500F-XX
190 Amps 250 Volts	Bare Cable End	#2 Type S.C. Entertainment	(5) 1016 Inline	TS300F-XX

Tie-in sets are to be used by authorized electrical personnel only.

Specify cable length

Soft Siamese



Molded Center Section
6' length.

Mechanical Center Tap
4' length.

Rating	Male Connector	Cable	Center Section	Female Connector	Catalog Number
190 Amps 250 Volts	1016 Series	#2 AWG Type S.C. Entertainment	Crimp with Y heat shrink boot	(2) 1016 Series	SS3000-C
300 Amps 250 Volts	1016 Series	2/0 Type S.C. Entertainment	Crimp with Y heat shrink boot	(2) 1016 Series	SS5000-C
400 Amps 250 Volts	1016 Series	4/0 S.C. Entertainment	Crimp with Y heat shrink boot	(2) 1016 Series	SS6000-C
400 Amps 250 Volts	1016 Series	4/0 S.C. Entertainment	Molded Center Section	(2) 1016 Series	SS6000-M

CABLE ASSEMBLIES

Snake Bites



Male Cam Connector to fused 100 Amp Group 5® Studio Pin Female Connector. 2' length.

Rating	Male Connector	Cable	Female Connector	Catalog Number
100A 125V	(3) 1016 Cam Black, White, Green	#2 AWG S.C. Entertainment	Group 5® Fused 100A 125V Studio Pin	SB300F-125-FUS
100A 125V	Group 5® 100A 125V Studio Pin	#2 AWG S.C. Entertainment	(3) 1016 Cam Black, White, Green	SB300M-125
100A 250V	(3) 1016 Cam Black, Red, Green	#2 AWG S.C. Entertainment	Group 5® 100A 250V Studio Pin	SB300F-250
100A 250V	Group 5® 100A 250V Studio Pin	#2 AWG S.C. Entertainment	(3) 1016 Cam Black, Red, Green	SB300M-250

Splitters



100 A Male Group 5® Studio Pin to (2) 100 Amp Female. 2' length.

Rating	Male Connector	Cable	Female Connector	Catalog Number
100A 125V	Group 5® 100A 125V Studio Pin	#4 AWG S.C. Entertainment	(2) Group 5® 100A 125V Studio Pin	SP100-100
100A 125V	Group 5® 100A 125V Studio Pin	#6 AWG S.C. Entertainment	(2) Group 5® Fused 60A 125V Studio Pin	SP100-60-F
100A 125V to (2) 60A 125V	Group 5® 100A 125V Studio Pin	#6 AWG S.C. Entertainment	(2) Group 5® 60A 125V Studio Pin	SP100-60
60A 125V	Group 5® 60A 125V Studio Pin	#6 AWG S.C. Entertainment	(2) Group 5® 60A 125V Studio Pin	SP60-60

Multi-Cable Extensions



12AWG 14 Conductor and 18 Conductor Multi Flex Multi Cable.

White extensions available – please call for details

Rating	Male Connector	Cable	Female Connector	Catalog Number
20A 125V (6 Circuit)	LSC 19 Pin	12AWG 18 Conductor Multi-flex	LSC 19 Pin	ME1218-XX
20A 125V (6 Circuit) Ground Conductors Bonded	LSC 19 Pin	12AWG 14 Conductor Multi-flex	LSC 19 Pin	ME1214-XX
15A 125V (6) Circuit Ground Conductors Bonded	LSC 19 Pin	14AWG 14 Conductor Multi-flex	LSC 19 Pin	ME1414-XX
10A 125V (6 Circuit)	LSC 19 Pin	16AWG 18 Conductor Multi-flex	LSC 19 Pin	ME1618-XX

Specify cable length

Break-Outs and Break-Ins



Break-Out Male 19 Pin LSC to (6) Female Stage Pin.

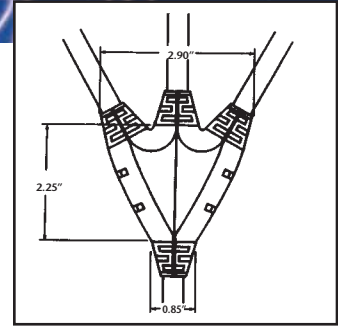
Break-In (6) Male 15A Edison to Female 19 Pin LSC.

White extensions available – please call for details

Rating	Male Connector	Cable	Female Connector	Catalog Number
20A 125V Break-out	LSC 19 Pin	(6) 12/3 SJOW-A 6' length	Bates® 20A Stage Pin	BO100M-6-SP
20A 125V Break-in	Bates® 20A Stage Pin	(6) 12/3 SJOW-A 6' length	LSC 19 Pin	BI100M-6-SP
20A 125V Break-out	LSC 19 Pin	(6) 12/3 SJOW-A 6' length	(6) NEMA5-20 Edison "All Black"	BO100M-6-515
20A 125V Break-in	(6) NEMA5-15 Edison "All Black"	(6) 12/3 SJOW-A 6' length	LSC 19 Pin	BI100M-6-515

CABLE ASSEMBLIES

"Two-Fer Junior" Molded Y & W



Dimensions overall length 3'



Rating	Male Connector	Cable	Female Connector	Catalog Number
20A 125V	Blunt	12/3 SJTOW-A Molded Y	Blunt	3123J
20A 125V	(1) Bates® 2P3W 20A Stage Pin	12/3 SJTOW-A Molded Y	(2) Bates® 2P3W 20A Stage Pin	3123J-SP
15A 125V	(1) NEMA 5-15P All Black	12/3 SJTOW-A Molded Y	(2) NEMA 5-15R All Black	3123J-515
20A 125V	(1) NEMA L5-20P All Black	12/3 SJTOW-A Molded Y	(2) NEMA L5-20R All Black	3123J-L520
20A 125V	Blunt	12/3 SJTOW-A Molded W	Blunt	4123J
20A 125V	(1) Bates® 2P3W 20A Stage Pin	12/3 SJTOW-A Molded W	(3) Bates® 2P 3W 20A Stage Pin	4123J-SP
15A 125V	(1) NEMA 5-15P All Black	12/3 SJTOW-A Molded W	(3) NEMA 5-15R All Black	4123J-515
20A 125V	(1) NEMA L5-20P All Black	12/3 SJTOW-A Molded W	(3) NEMA L5-20R All Black	4123J-L520

Adapters

Male Connector	Cable (All 12" length)	Female Connector	Catalog Number
NEMA L5-20	12/3 SOW-A	Bates® 20A Stage Pin	A-5010
NEMA L5-20	12/3 SOW-A	NEMA 5-15	A-5011
Bates® 20A Stage Pin	12/3 SOW-A	NEMA L5-20	A-5012
Bates® 20A Stage Pin	12/3 SOW-A	NEMA 5-15	A-5016
NEMA 5-15	12/3 SOW-A	Bates® 20A Stage Pin	A-5014
NEMA 5-15	12/3 SOW-A	NEMA L5-20	A-5015



CABLE ASSEMBLIES



7 Pin Motor Control Cables

New configuration for Hoist Control.

Rating	Male Connector	Cable	Female Connector	Catalog Number
10A 250V	7P-MC-20-P-FL	16/7 SOW-A	7P-FL-20-P-FL	ME16-XX

Specify cable length



Speakon® Cables

For loud speakers and amplifiers.

Rating	Male Connector	Cable	Female Connector	Catalog Number
20A 250V	NL4FC	12/4 PVC	NL4FC	SPK12/4-XX
20A 250V	NL8FC	12/8 PVC	NL8FC	SPK12/8-XX

Specify cable length



DMX Cables

For dimmer control and other electronic applications.

Rating	Male Connector	Cable	Female Connector	Catalog Number
120 ohms low cap.	5 Pin XLR (Neutrik)	2 Pair & Shield 22AWG Black Polyurethane Jacket	5 Pin XLR (Neutrik)	DMX5P -XX
120 ohms low cap.	3 Pin DMX (Neutrik)	1 Pair & Shield 22AWG Black Polyurethane Jacket	3 Pin XLR (Neutrik)	DMX3P-XX

Specify cable length

Stage Pin Connectors



20 Amp Female and Male Inline




60 Amp Female and Male Inline



100 Amp Female and Male Inline

Rating	Male Inline	Female Inline	Male Panel	Female Panel
20 Amp 120 VAC	2P20G-M	2P20G-F*	2P20G-MP	2P20G-FR
60 Amp 120 VAC	G60M	G60F*	G60MP	G60FP
100 Amp 120 VAC	G100M	G100F*	G100MP	G100FP
100 Amp 240 VAC	G106M-H	G106F-H	106MR	106FR

*Fused Version available (add suffix FUS to catalog no.)

 Listed 20 Amps

ETL Listed 60 & 100 Amps



20 Amp Female Panel Mount

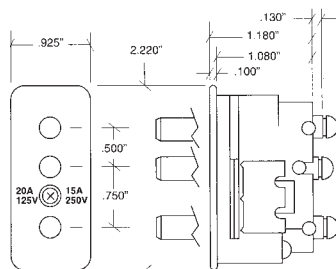


60 Amp Panel Mount Female & Male

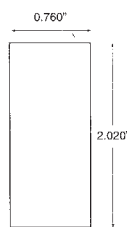


100 Amp Panel Mount Female and Male

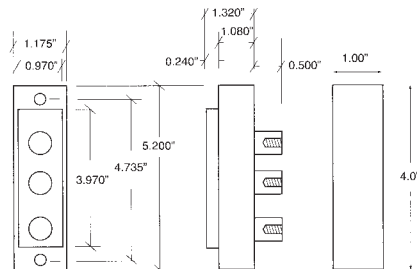
Panel Mount Dimensions



20 Amp



Panel cut out
(same as competitive
20 Amp devices)



60 & 100 Amp
(60 & 100 Amp panel
mount devices utilize
the same housing)

Panel cut out

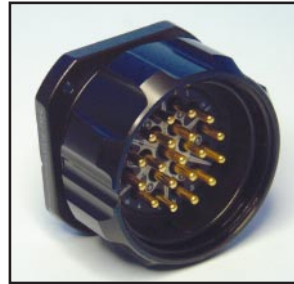
LSC 19 Pin Connectors



Male Inline



Female Inline



Male Panel Mount

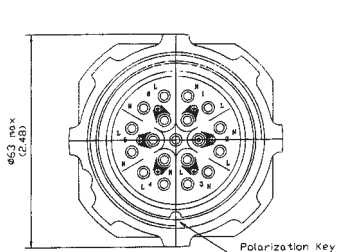


Female Panel Mount

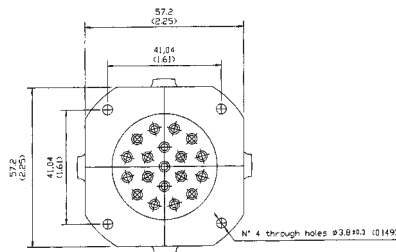
Style	Male Inline	Female Inline	Cabel Diameter Range	Male Panel Mount	Female Panel Mount
Crimp	LSC19-LMC-29	LSC19-LFC-29	0.55-1.00"	LSC19-PMC	LSC19-PFM
Solder	LSC19-LMC-29 LSC19-LMS-29	LSC19-LFS-29	0.55-1.00"	LSC19-PMS	LSC19-PFS
PG 36 Version Extra wide cable entry-crimp	LSC19-LMC-36	LSC19-LFC-36	0.95-1.25"		
PG 36 Version Extra wide cable entry-solder	LSC19-LMC-36 LSC19-LMS-36	LSC19-LFC-36 LSC19-LFS-36	0.95-1.25"		
Spider Version (Break in/out) crimp contact	LSC19-LMC-SPR	LSC19-LFC-SPR	(6) 12/3SJT or 0 or (6) 14/3 SJT or 0		

Panel Mount Dimensions

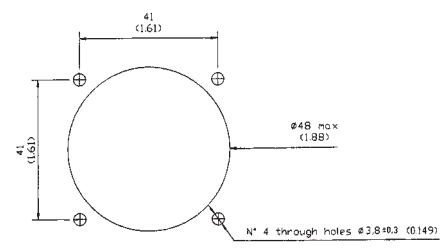
White connectors available – please call for details



Front



Rear



Panel Cut Out



Spider Inline Version

allows construction of break ins/outs providing secure weatherproof strain relief for each individual six circuit cord (suitable for 12/3 SJ and 14/3 SJ cords).

Male Inline: LSC 19-LMC-SPR

Female Inline: LSC 19-LFC-SPR



Recognized

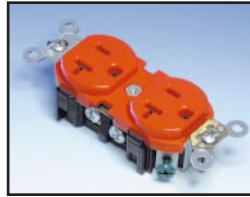
NEMA WIRING DEVICES



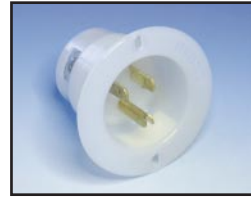
5266-CB
Male Plug



5269-CB
Female Connector



5352-R
Duplex Receptacle



5278-C
Flanged Inlet



5279-C
Flanged Outlet

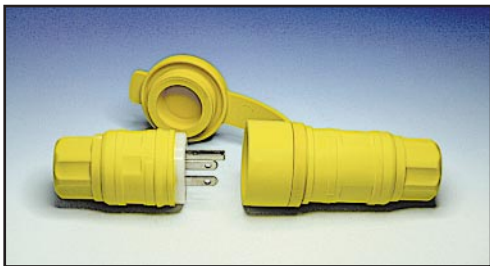
Poles/ Wires	AC Volts	NEMA Config.	Male Plug	Female Connector	Single Receptacle	Duplex Receptacle	Flanged Inlet	Flanged Outlet
15 Amp Devices - Straight Blade:								
2P3W	125	5-15	5266-CB	5269-CB	5251	5252	5278-C	5279-C
2P3W	250	6-15	5666-C	5669-C	5651	5652	15678-C	15679-C
15 Amp Devices - Locking:								
2P3W	125	L5-15	4720-CB	4729-CB	4710	4700	4716-C	4715-C
2P3W	250	L6-15	4570-CB	4579-CB	4560	4550	4586-C	4585-C
20 Amp Devices - Straight Blade:								
2P3W	125	5-20	5366-C	5369-C	5351	5352	15378-C	15379-C
2P3W	250	6-20	5466-C	5469-C	5451	5452	5478-C	5479-C
20 Amp Devices - Locking:								
2P3W	125	L5-20	2311-CB	2313-CB	2310		2315	2316
2P3W	250	L6-20	2321	2323	2320		2325	2326
3P3W	125/250	Non-Nema "Old Style"	9965-C	7314-C	2510		3325-C	3326-C
3P4W	125/250	L14-20	2411	2413	2410		2415	2416
3P4W	3Ø250	L15-20	2421	2423	2420		2425	2426
4P5W	3ØY120/208	L21-20	2511	2513	2510		2515	2516
30 Amp Devices - Straight Blade:								
2P3W	125	5-30	P530DF	C530DF	5371			
2P3W	250	6-30	P630DF	C630DF	5372			
30 Amp Devices - Locking:								
2P3W	125	L5-30	2611	2613	2610		2615	2616
2P3W	250	L6-30	2621	2623	2620		2625F	2626F
3P4W	125/250	L14-30	2711	2713	2710		2715	2716
3P4W	3Ø250	L15-30	2721	2723	2720		2725	2726
4P5W	3ØY120/208	L21-30	2811	2813	2810		2815	2816

LEX NEMA WIRING DEVICES

Poles/ Wires	AC Volts	NEMA Config.	Male Plug	Female Connector	Single Receptacle	Flanged Inlet
50 Amp Devices - Straight Blade:						
3P4W	125	5-50	P550DF	C550DF	5373	
3P4W	125/250	14-50	PL1450DF	CL1450DF	279	
50 Amp Devices - Locking:						
3P4W	125	CS Series	CS63-61C	CS63-60C	CSS63-70	CS63-77
3P4W	125/250	CS Series	CS63-65C	CS63-64C	CS63-69	CS63-75
3P4W	3Ø250VAC	CS Series	CS83-65C	CS83-64C	CS83-69	CS83-75
3P4W	480VAC	CS Series	CS81-65C	CS81-64C	CS81-69	CS81-75
60 Amp Devices - Straight Blade:						
3P4W	3Ø250	15-60	P1560YP	C1560YP	8460-A	

Wetguard™ NEMA Wiring Devices

- EPTR rubber housings are water and corrosion resistant.
- Compression type strain relief is watertight and prevents cord slippage



Poles/ Wires	AC Volts	NEMA Config.	Male Plug	Female Connector
15 Amp - Straight Blade:				
2P3W	125	5-15	14W47	15W47
15 Amp - Locking:				
2P3W	125	L5-15	24W47	25W47
20 Amp - Locking:				
2P3W	125	L5-20	26W47	27W47
4P5W	3Ø4 120/208	L21-20	26W81	27W81

SINGLE POLE DETACHABLE CONNECTORS LEVITON "ECT 16 SERIES"



Male Inline



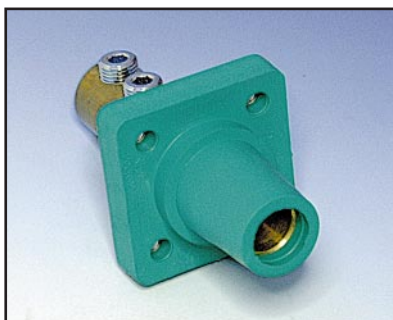
Female Inline



Panel Female Threaded Stud



Panel Male Threaded Stud



Panel Female Double Set Screw



Panel Male Double Set Screw

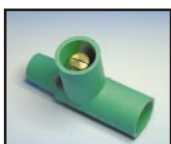
Rating	Cable Size	Male Inline	Female Inline	Panel Male Threaded Stud	Panel Female Threaded Stud	Panel Male Double Set Screw	Panel Female Double Set Screw
400 Amps 600 Volts	2/0 - 4/0	16D24	16D33	16R23	16R24	16R21	16R22
235 Amps 600 Volts	#2 - 2/0	16D22	16D31	16R23	16R24	16R21	16R22

Note: Available in different colors (E = black, W = white, R = red, B = blue, G = green, Y = yellow, BR = brown, O = orange)

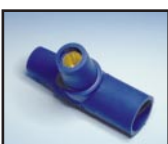
Accessories



Male to (3) Female Parallelling T



Tapping T



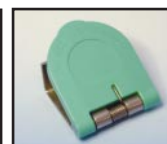
Double Female



Double Male



Protective Cover



Snap Back Cover

16A23	16A21	16A22	16A24	16A25	Male: 16P21 Female: 16P22	CL 40WTC-S-062 CL 40WTC-L125
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Note: Available in different colors (E = black, W = white, R = red, B = blue, G = green, Y = yellow, BR = brown, O = orange)

XLR Series



# of Contacts	Male Inline	Female Inline	Male Panel	Female Panel
3	NC3MX-B	NC3FX-B	NC3MP-1-B	NC3FP-1-B
4	NC4MX-B	NC4FX-B	NC4MP-1-B	NC4FP-1-B
5	NC5MX-B	NC5FX-B	NC5MP-1-B	NC5FP-1-B
6	NC6MX-B	NC6FX-B	NC6MP-1-B	NC6FP-1-B
6*	NC6MXS-B	NC6FXS-B	N/A	NC6FPS-1-B

*Note: S denotes Switchcraft compatible 6 pin version

Speakon® Series



# of Contacts	Female Inline	Male Panel	Male Panel Round	Coupler
2	NL2FC	NL2MP	N/A	N/A
4	NL4FC	NL4MP	NL4MPR	NL4MM
8	NL8FC	N/A	NL8MPR	NL8MM

PowerCon® Series

Configuration	Cable Connectors	Male Panel	Coupler
Power Out (Blue)	NAC3FCB	NAC3MPB	NAC3MM
Power In (Gray)	NAC3FCA	NAC3MPA	NAC3MM

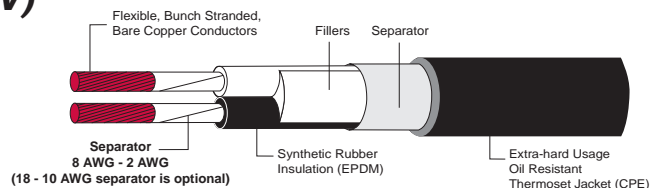
PORTABLE CORD AND CABLE SPECIFICATIONS

Portable Cord: Type SOOW and SJOOW

Synthetic Rubber Insulation with Oil-Resistant Thermoset Jacket

SOOW 90°C (600V) • SJOOW 90°C (300V)

- UL listed (file no. E7362 as SOOW and SJOOW)
- CSA certified (file no. LL8825) as SOOW & SJOOW
- UL and CSA listed for continuous submersion in water



Cable Identification: Surface print on jacket (listed types):

Example" "P-136-29-MSHA 14AWG 3/c SOOW 90°C 600V water resistant (UL) - A.I.W. Corp. - CSA FT1"

Temperature Range: Type SOOW and SJOOW: 90°C to -40°C

Single Conductor Cables:

Entertainment Cable

Type SC Stage & Lighting • 600 Volts • 105°C • -35°C

CSA Listed Type PPC • 105°C (-50°C) • 600V

- UL listed Type SC, 105°C (-50°C) 600V
- For use in accordance with NEC Articles 520, 525, and 530, indoor and outdoor locations
- Excellent flexibility
- Excellent resistance to oil, solvents, ozone, aging and abrasion



Cable Identification: Indent print on cable surface: "(size) AWG Type SC 105°C, -50°C, 600V Oil Res. 60°C Water Resistant Max Amps NEC Table 400-5 (B) for 90°C Outdoor (UL) - A.I.W. Corp. - CSA -50°C Type PPC Stage Lighting Cable 105°C 600V, Oil Resistant FT1 FT5"

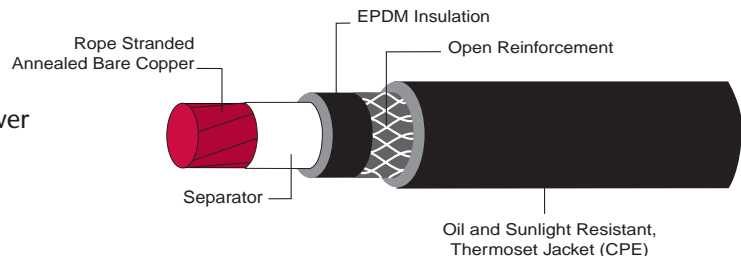
Type W Portable Power Cable

8 AWG - 500 MCM • 600/2000V • 90° Wet or Dry • Indoor/Outdoor

- UL listed (file E83541) on all stock items
- Excellent flexibility

Cable Identification: Indent print on jacket:

"American Mustang (size) 1/C Type W Portable Power Cable 90°C wet or dry, 2000 Volts Oil and Sun Res.



PORTABLE CORD CATALOG INFORMATION

Type SOOW & SJOOW

Part Number	No.	Conductors AWG	Strand	Insul.	Nominals (Inches) Jacket	O.D.	Ship W.T. lbs/M ft.
90°C UL/CSA Type SOOW • 600V							
20694	2	18	16x30	.030	.060	.340	71
20696	3	18	16x30	.030	.060	.360	84
20698	4	18	16x30	.030	.060	.385	100
20701	2	16	26x30	.030	.060	.365	83
20702	3	16	26x30	.030	.060	.385	101
20709	4	16	26x30	.030	.060	.410	119
20710	2	14	41x30	.045	.080	.495	142
20711	3	14	41x30	.045	.080	.520	171
20716	4	14	41x30	.045	.080	.560	212
20719	2	12	65x30	.045	.095	.565	189
20720	3	12	65x30	.045	.095	.590	230
20726	4	12	65x30	.045	.095	.640	281
20730	2	10	104x30	.045	.095	.615	237
20731	3	10	104x30	.045	.095	.650	293
20734	4	10	104x30	.045	.095	.700	357
90°C UL/CSA Type SOOW Power Size Cables • 600V							
33230	3	8	65x.0159	.060	.110	.835	477
33231	4	8	65x.0159	.060	.125	.930	605
33232	3	6	133x.0142	.060	.125	.975	678
33233	4	6	133x.0142	.060	.140	1.055	856
33234	3	4	133x.0179	.060	.140	1.135	1030
33228	4	4	133x.0179	.060	.155	1.255	1297
35526	5	4	133x.0179	.060	.155	1.373	1561
33229	4	2	133x.0223	.060	.170	1.455	1768
Junior Size Cords 90°C UL/CSA Type SJOOW • 300V							
20756	2	18	16x30	.030	.030	.280	46
20758	3	18	16x30	.030	.030	.300	58
20764	4	18	16x30	.030	.030	.325	76
20765	2	16	26x30	.030	.030	.305	56
20767	3	16	26x30	.030	.030	.325	78
20771	4	16	26x30	.030	.030	.350	96
20772	2	14	41x30	.030	.030	.335	76
20775	3	14	41x30	.030	.030	.360	99
20778	4	14	41x30	.030	.030	.390	121
20779	2	12	65x30	.030	.045	.405	113
20780	3	12	65x30	.030	.045	.425	142
20782	4	12	65x30	.030	.045	.465	179
20783	2	10	104x30	.045	.060	.540	185
20784	3	10	104x30	.045	.060	.565	239
20786	4	10	104x30	.045	.060	.625	305

Refer to NEC Tables in Technical Section for ampacity

SINGLE CONDUCTOR FEEDER CABLE CATALOG INFORMATION

Type SC Entertainment Cable

Black Jacket

Part Number	AWG Size	Stranding	Insulation Thickness	Nominal O.D.	Wire WT lbs./M ft.
39033	6	259x#30	70	.345	120
39034	4	413x#30	70	.390	174
39035	2	651x#30	70	.450	257
39036	1	826x#30	90	.536	337
39037	1/0	1044x#30	90	.585	415
39038	2/0	1308x#30	90	.630	511
39039	3/0	1653x#30	90	.690	628
39040	4/0	2071x#30	90	.740	770

Green Jacket 105°C Rated Green CPE Insulation

35372	6	266x#30	70	.365	163
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Refer to NEC Tables in Technical Section for ampacity

Type W Industrial Power Feeder Cable

Black Jacket

Part Number	Size AWG Or MCM	Stranding	INS.	Nominals (Inches) Jacket	O.D.	Ship Wt. lbs./M ft.
31694	8	168x30	.060	.075	.440	155
31695	6	266x30	.060	.095	.535	267
31696	4	420x30	.060	.095	.600	369
28883	2	651x30	.060	.095	.630	458
31697	1/0	1064x30	.080	.095	.775	658
28882	2/0	1311x30	.080	.095	.815	730
28881	4/0	2090x30	.080	.095	.930	1049
31698	250	629x.0201	.095	.095	1.080	1425
31699	350	888x.0201	.095	.095	1.200	1971
31700	500	1221x.0201	.095	.095	1.340	2651

Refer to NEC Tables in Technical Section for ampacity

Multi Conductor Cable for Stage & Set Lighting



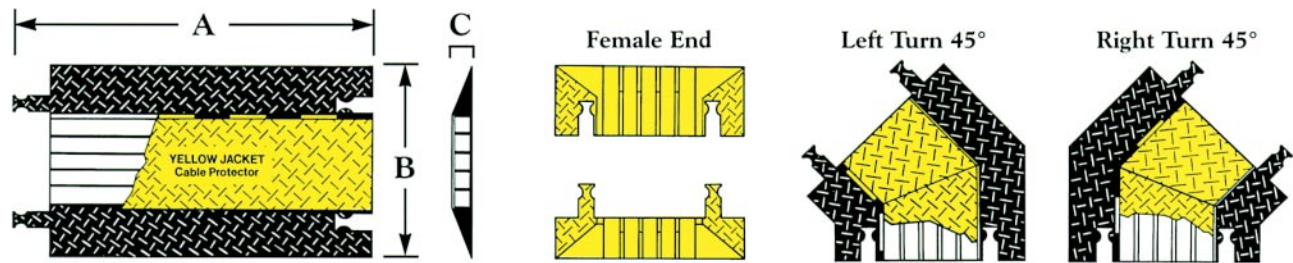
Recognized

- Specially formulated black thermoplastic rubber jacket — provides exceptional flexibility and durability.
- High visibility yellow conductors — with black alpha and numerical identification for ease of wiring.
- Indent print identification on jacket. Won't wear away.
- Heavy duty insulation on single conductors — (32 mils) for durability and long life.

Cat. No.	Configuration	O.D.	Insul. Thickness	Jacket Thickness	Weight per m.
16/18 TPR	16 AWG 18 cdr.	0.780	0.032	0.078	430
14/14 TPR	14 AWG 14 cdr.	0.800	0.032	0.090	440
12/14 TPR*	12 AWG 14 cdr.	0.850	0.032	0.085	560
12/18 TPR	12 AWG 18 cdr.	0.980	0.032	0.085	800

*12/14 is also available with a white PVC jacket

CABLE CROSSOVERS



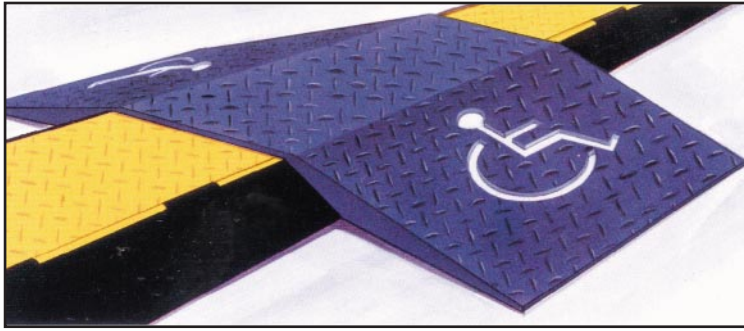
Yellow Jacket® Series

Product Model	A Length in./mm	B Width in./mm	C Height in./mm	Weight in./mm	Slot Size in./mm	Number of Slots
YJ1-300	36 in./ 914 mm	21 in./ 533 mm	4 in./ 102 mm	40 lbs./ 18.4 kg	3.0 in./ 76 mm	1
YJ1-300H	36 in./ 914 mm	21 in./ 533 mm	4 in./ 102 mm	45 lbs./ 20.7 kg	3.0 in./ 76 mm	1
YJ1-500	36 in./ 914 mm	27 in./ 686 mm	6 in./ 153 mm	90 lbs./ 41.4 kg	5.0 in./ 128 mm	1
YJ1-500H	36 in./ 914 mm	27 in./ 686 mm	6 in./ 153 mm	101 lbs./ 46.4 kg	5.0 in./ 128 mm	1
YJ3-225	36 in./ 914 mm	20 in./ 508 mm	3 in./ 76 mm	32 lbs./ 14.5 kg	2.25 in./ 57 mm	3
YJ3-225H	36 in./ 914 mm	20 in./ 508 mm	3 in./ 76 mm	36 lbs./ 16.3 kg	2.25 in./ 57 mm	3
YJ3-225	36 in./ 914 mm	27 in./ 686 mm	3 in./ 76 mm	48 lbs./ 22.7 kg	2.25 in./ 57 mm	3
YJ4-125	36 in./ 914 mm	18 in./ 457 mm	2 in./ 51 mm	23 lbs./ 10.4 kg	1.25 in./ 32 mm	4
YJ4-125H	36 in./ 914 mm	18 in./ 457 mm	2 in./ 51 mm	23 lbs./ 10.4 kg	1.25 in./ 32 mm	4
YJ5-125	36 in./ 914 mm	19 in./ 483 mm	2 in./ 51 mm	24 lbs./ 11.4 kg	1.25 in./ 32 mm	5
YJ5-125H	36 in./ 914 mm	19 in./ 483 mm	2 in./ 51 mm	24 lbs./ 11.4 kg	1.25 in./ 32 mm	5

Fox Series™

FX	49 in./ 1245 mm	8 in./ 203 mm	1.25 in./ 32 mm	11 lbs./ 5 kg	.887 in./ 22mm	1
FX-125	34 in./ 864 mm	11 in./ 279 mm	1.50 in./ 38 mm	14 lbs./ 6.4 kg	1.25 in./ 32 mm	1
FX-200	34 in./	14 in./	2.25 in./	18 lbs./	2.0 in./	1

WASP™ Walkway Access for Special Purposes



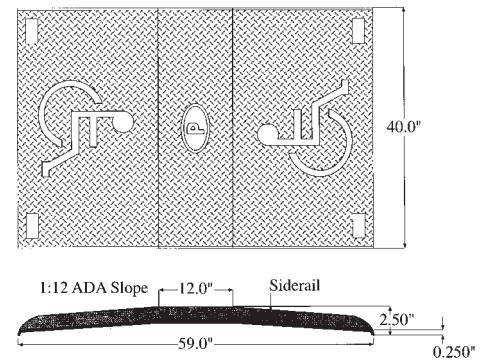
A new type of cover solves the problem of handicapped access to facilities where cables are in the path of travel. WASP™ (Walkway Access for Special Purposes), designed and manufactured by Peterson Systems, International of Duarte, CA, is the first cable cover meeting the requirements established by the Americans with Disabilities Act. It is cost-efficient and lightweight enough to use in a wide variety of applications, including fairs, sporting events, public buildings and hospitals.

Because WASP™ exceeds ADA guidelines for slip resistance it is also recommended as a crossing point for heavy carts with small wheels such as food and beverage carts.

WASP™ is constructed of urethane material, selected because of abrasion resistance, ability to withstand high impact, and tolerance to most solvents. Standard size is 59" x 40", with custom designs also available. They are internationally recognized blue used in handicapped signage with contrasting white handicapped icon.

WASP™ is available in custom colors and configurations.

Note: The WASP™ must be used with the Yellow Jacket® or a similar cable protector. It is not intended to be used alone.



Model	Length	Width	Height	Weight
WASP™	59"	40"	2.5"	94 lbs.

TECHNICAL INFORMATION

PORTABLE CORD

Table 400-5(a). Allowable Ampacity for Flexible Cords and Cables. (Based on Ambient Temperature of 30°C (86°F)
See Table 400-4. Source: NFPA70-The National Electric Code

	Thermoset Type TS	Thermoset Types C, E, EO, PD, S, SJ, SJO, SJOO, SO, SOO, SP-1, SP-2, SP-3 SRD, SV, SVO, SVOO	
Size (AWG)	Thermoplastic Types TPT. TST	Thermoplastic Types ET, ETLB, ETP, ETT, SE, SEO, SJE, SJEO, SJT, SJTO, SJTOO, SPE-1, SPE-2, SPE-3, SPT-1 SPT-2, SPT-3, ST, SRDE, SRDT, STO, STOO, SVE, SVEO, SVT, SVTO, SVTOO	Types HPD, HPN. HS, HSJ, HSO, HSJO, HSOO, HSJOO
27*	0.5	A+ B†	—
20	—	— —	—
18	—	5** ***	—
17	—	7 10	10
16	—	— 12	—
15	—	10 13	15
14	—	— —	17
12	—	15 18	20
10	—	20 25	30
8	—	25 30	35
6	—	35 40	—
4	—	45 55	—
2	—	60 70	—
		80 95	—

+ The allowable currents under sub-heading **A** apply to 3 conductor cords and other multiconductor cords connected to utilization equipment so that only 3 conductors are current carrying.

† The allowable currents under sub-heading **B** apply to 2 conductor cords connected to utilization equipment so that only 2 conductors are current carrying.

TECHNICAL INFORMATION

FEEDER CABLE

Table 400-5(B) Ampacity of Cable Type SC, SCE, SCT, PPE, G, G-GC, and W (based on ambient temperature 30°C (86°F). See Table 400-4. Source: NFPA70 - The National Electric Code

Temperature Rating of Cable									
Size (AWG)	60°C (140°F)			75°C (167°F)			90°C (194°F)		
	D	E	F	D	E	F	D	E	F
8	60	55	48	70	65	57	80	74	65
6	80	72	63	95	88	77	105	99	87
4	105	96	84	125	115	101	140	130	114
3	120	113	99	145	135	118	165	152	133
2	140	128	112	170	152	133	190	174	152
1	165	150	131	195	178	156	220	202	177
1/0	195	173	151	230	207	181	260	234	205
2/0	225	199	174	265	238	208	300	271	237
3/0	260	230	201	310	275	241	350	313	274
4/0	300	265	232	360	317	277	405	361	316
250	340	296	259	405	354	310	455	402	352
300	375	330	289	445	395	346	505	449	393
350	420	363	318	505	435	381	570	495	433
400	455	392	343	545	469	410	615	535	468
510	515	448	392	620	537	470	700	613	536

1 The ampacities under **subheading D** shall be permitted single-conductor **Types SC, SCE, SCT, PPE, and W** cable only where the individual conductors are not installed in raceways and are not in physical contact with each other except in lengths not to exceed 24 in (610 mm) where passing through the wall of an enclosure.

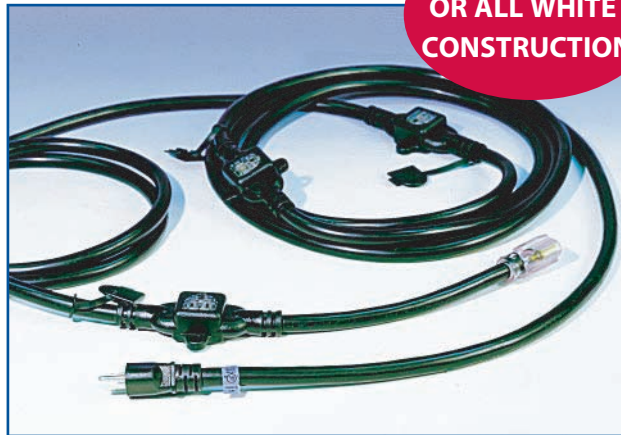
2 The ampacities under **subheading E** apply to two-conductor cables and other multiconductor cables connected to utilization equipment so that only two conductors are current carrying.

3 The ampacities under **subheading F** apply to three-conductor cables and other multiconductor cables connected to utilization equipment so that only three conductors are current carrying.

E-STRING™ MULTI-OUTLET EXTENSION CORD

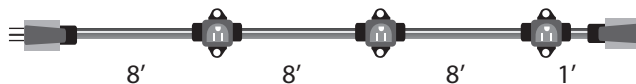
The most convenient & economical way to provide multiple 15 Amp 120 Volt outlets

- Six 15 amp 120 volt outlets in a 50' extension
- Four 15 amp 120 volt outlets in a 25' extension (maximum outlets allowed by NEC)
- Ideal for:
 - Powering laptops in meeting rooms
 - Instrument lights for orchestras
 - Backstage scenery lights
 - Trade show applications
 - Photography lighting
 - Wherever multiple 15 amp 120 volt outlets are needed
- All black construction blends into scenery
- Super flexible extra hard usage cord for outlet capacity, ease of use and durability

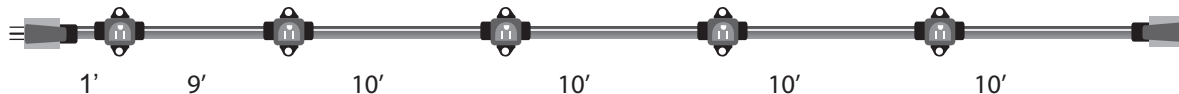


ALL BLACK
OR ALL WHITE
CONSTRUCTION

Cat. No.	Description
50111B*	12 AWG 25' 4 outlet with LED's all black



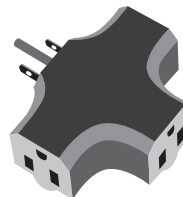
50112B*	12 AWG 50' 6 outlet with LED's all black
---------	--



50104B*	14 AWG 25' 3 outlet with LED's all black
---------	--



50201B*	Male to 3 outlet T-Adapter all black
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*Replace B with W for all white version

WINNER



LDI 2003
WIDGET
OF THE YEAR



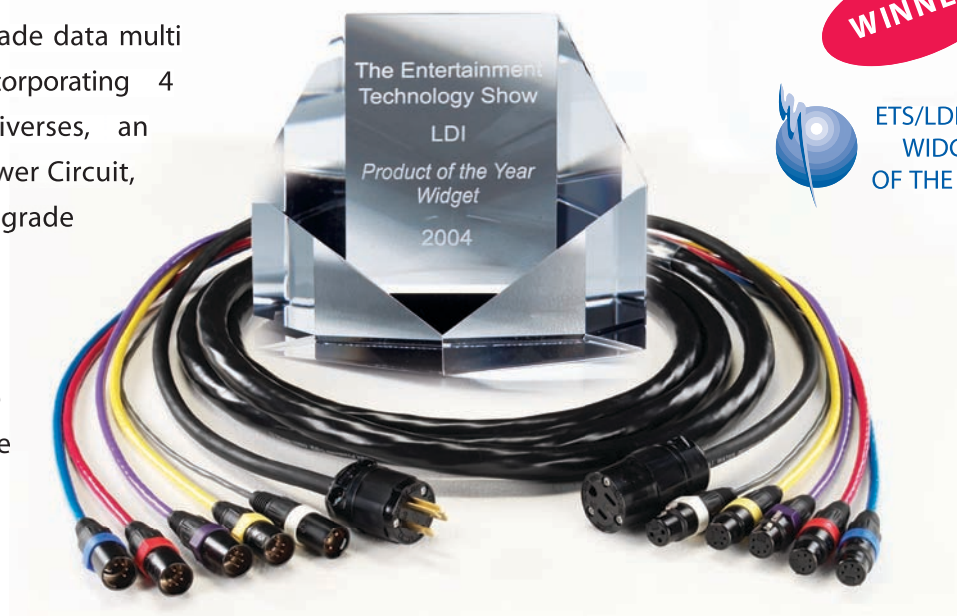
2003
DEALERS' CHOICE
WIDGET OF THE YEAR

NEW
from
Lex Products

FRONT-OF-HOUSE LEX DATASNAKE™ TOUR-GRADE DATA MULT-CABLE

The Lex DataSnake™ is a tour grade data multi cable with an AC circuit, incorporating 4 individually-jacketed DMX Universes, an intercom line and 15 Amp AC Power Circuit, all in one tough flexible tour grade jacket.

Introduced at the 2004 ETS-LDI Trade Show in Las Vegas, the DataSnake™ won the Product of the Year Award (Widget Category).



Front-of-House Specification

Type	Qty	Male/Female Connectors	Cable
DMX 512	4	Neutrik black/gold 5 Pin	Two twisted pair 22 AWG stranded tinned copper conductors with (2) kevlar strength members, an overall braid shield, and a polyurethane jacket.
Intercom	1	Neutrik black/gold 3 Pin	One twisted pair 22 AWG stranded tinned copper conductors with kevlar strength member, shield and PVC jacket.
AC Power Circuit	1	Hubbell all black industrial grade	(3) 12 AWG stranded tinned copper with 105° C Rated PVC jacket. Overall PVC jacket installed to break-out point.
Overall Tour Grade 60 mil PVC Jacket Nominal O.D. : 0.780" Weight: 350#/M'			

Cat. No.	Description
DS45P3P515XX	(4) 5 Pin XLR
Individual circuits are broken out from overall cable jacket.	(1) 3 Pin XLR and
	(1) NEMA 5-15 (Edison) Extension
	XX insert cable length

**** Requests for custom connector options are welcome.**

- ▶ Saves the time and the hassle of installing, taping and striking multiple cables to front-of-house positions
- ▶ Neater, more professional and longer lasting than individual or banded cables
- ▶ Works with conventional XLR type DMX cables
- ▶ Custom connector and marking options are available to meet your exact needs

NEW
from
Lex Products

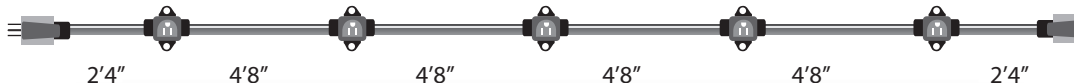
ORCHESTRA E-STRING™ MULTI-OUTLET EXTENSION CORD

Built on the same quality standards of the other Cords within our **E-String™** product line, the **NEW** Orchestra E-String was specifically designed for music stand applications.

Working closely with our national symphony and theatre customers, we redesigned the Orchestra E-String with a denser 4' 8" spacing, offering a more flexible, yet durable solution for today's orchestra pits.

The Orchestra E-String™ truly is the most convenient & economical way to provide multiple 15 Amp 120 Volt outlets.

- ▶ **Denser 4' 8" spacing, specifically designed for music stand applications**
- ▶ Super flexible extra hard usage cord for outlet capacity, ease of use and durability
- ▶ Green LED indicator lights for ease of locating outlets (can be used with attached dust cover)
- ▶ All black construction blends into scenery
- ▶ The E-String product line was the 2003 LDI Widget of the Year!



Catalog

Description

50116B

12 AWG 23' 4" six-outlet Orchestra E-string™ with LEDs all black

50201B*

Male to 3 outlet T-Adapter all black

PORTABLE GFCI MULTI-CABLE PROTECTOR

Providing GFCI protection to dimmable loads is ***always*** a challenge. The electronics of the GFCI unit requires 115 VAC in order to function. Dimming the loads reduces the voltage of the circuit, so much that the GFCI may not turn off the circuits when a dangerous level of leakage occurs. This, of course is a major problem. The Solution? The Lex The Portable GFCI Multi-Cable Protector.

The Lex Portable GFCI feeds the GFCI units with a separate, non-dimmed 115 VAC circuit. The GFCI units turn off the circuits when a dangerous level of leakage occurs, even when the outputs are dimmed.

Benefits:

- ❏ Protects personnel using multi-cable from electric shock
- ❏ Fully meets NEC and OSHA requirements when GFCI for personnel is required.
- ❏ Utilizes Lex Products' exclusive rubber enclosure for shock, weather and impact resistance.
- ❏ Indicator light provided for each circuit
- ❏ Handle interlocks with base for storage and easier transportation of multiple boxes



NEMA 3R Weatherproof
in US and Canada

Model #
DB100BS-BDIMS3



Features

Input:	19 Pin LSC Male Panel Mount. 20 AMPS 120 VAC with diversity of load per NEC Article 520.44.
Output:	19 Pin LSC Female Panel Mount.
GFCI Protection:	(6) 20 AMP 120 VAC Industrial Grade Class A GFCI switch with manual test and rest buttons.
GFCI Power:	A separate 20A 120 VAC circuit (also GFCI protected) with NEMA 5-15 (Edison) input feeds each of the GFCI units with non-dimmed power.
Dimensions:	12"L x 12"W x 13"H (including handle)
Weight:	17 lbs.



Lex PowerGATE™ Company Switch



We Deliver the Power™



FEATURING NEW CAM/LUG CONNECTION CHAMBER

Safe and Convenient
Power Access for:

- Theatres
- Convention Centers
- Studios
- Theme Parks
- Recreation Facilities



Patent Pending



(U.S.A. and Canada)



Features & Benefits

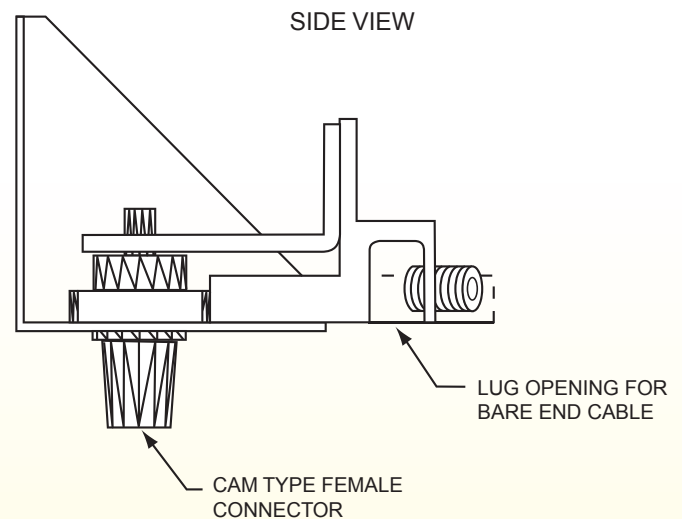
- The cam and lug connections are interlocked to the main breaker through the access door so that neither cam nor lug connections can be made or broken under load.
- Because the PowerGATE™ Company Switch has one wiring chamber instead of two, the unit is far more compact.
- The unique arrangement of the cam and lug combination allows for both sets of cables to drape downward for a lower profile against the wall.
- Both cam and lug connections are behind the access door when in use, eliminating accidental disconnection, unauthorized access and/or tampering with connections.
- An integral L.E.D. worklight is provided in the wiring chamber for ease of connection and enhanced safety.

Square D Electronic Trip LEL Series Circuit Breaker



- The breaker has a 65,000 AIC (Amps Interrupting Capacity) rating. It will function even when subjected to a short circuit producing 65,000 Amps.
- The breaker is electronic trip 100% rated, unlike thermal magnetic breakers which are 80% rated.
- The 400 Amp Breaker can be reset to 200 Amp trip on the unit itself.
- An additional rating plug is available to reset the breaker trip rating at 100 Amps.
- The Breaker can be wired to display in a remote location.

Cam/Lug Connection Chamber



The exclusive cam/lug connection combination is at the heart of the PowerGATE™ Company Switch.

The detachable cam-type outlet and the direct wire lug have been combined in a compact and convenient arrangement, providing a host of unique features and benefits.

PowerGATE™ NEMA 3R Weatherproof Version

Company switches are great for outdoor events and productions, but they must be weatherproof.

Typically they have been mounted in a separate, bulky and expensive enclosure.

Lex Product's new NEMA 3R Weatherproof Version will save time, space and money, and most importantly, enhance the safety and convenience of any venue.

- Circuit Breakers and Connection Chamber are housed behind gasketed weatherproof door.
- Circuit Breaker door allows locking and limited access if desired.



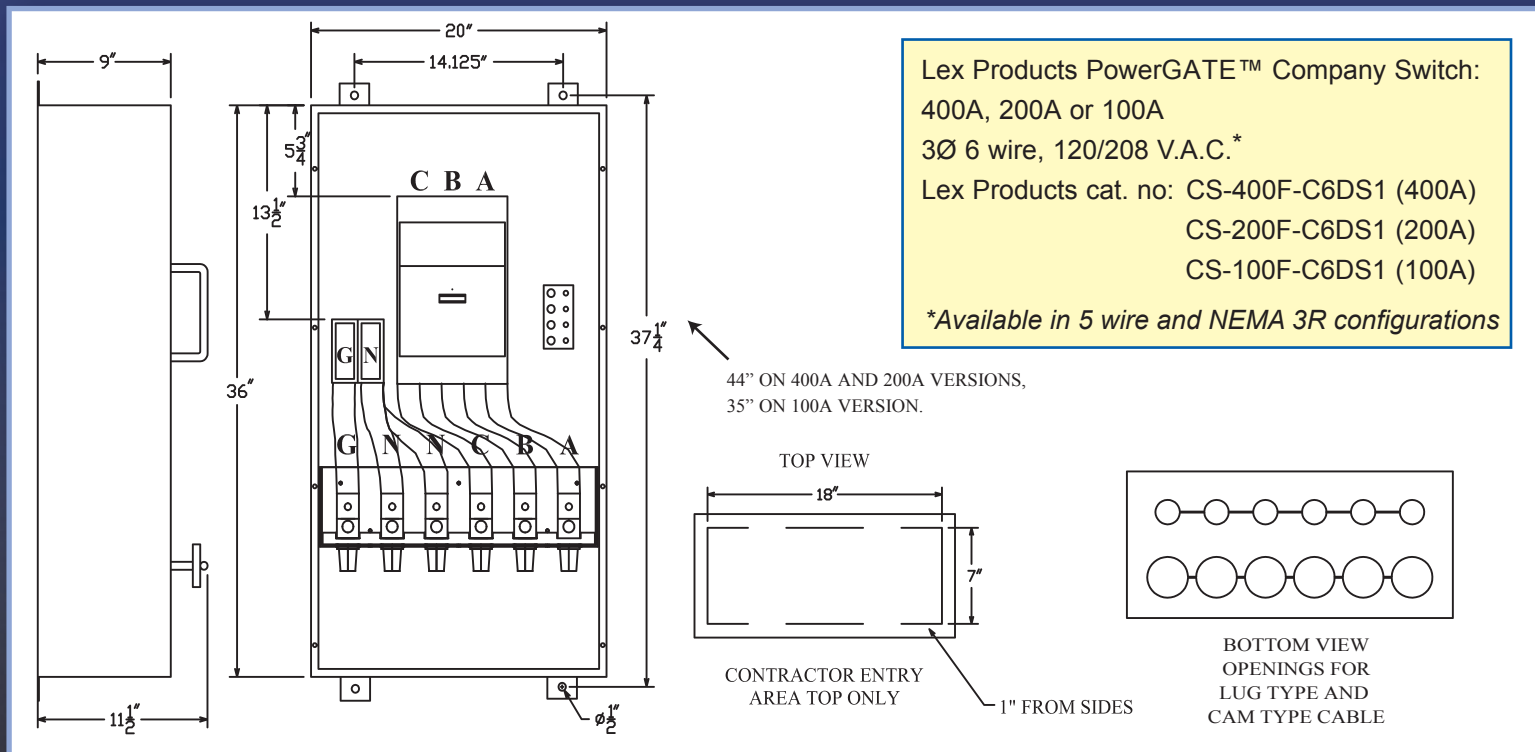
Catalog Information

	400 AMP	200 AMP	100 AMP
Catalog No: Indoor	CS-400F-C6DS1	CS-200F-C6DS1	CS-100F-C6DS1 *
NEMA 3R Weatherproof	CS-400F-C6DS3	CS-200F-C6DS3	CS-100F-C6DS3
Rating:	400A 3Ø 120/208 VAC 65,000 AIC Main Breaker 100% rated	200A 3Ø 120/208 VAC 65,000 AIC Main Breaker 100% rated	100A 3Ø 120/208 VAC 65,000 AIC Main Breaker 100% rated
Output:	(6) Wire E1016 cam Black - phase Blue - phase Red - phase White - neutral Green - ground Add RGN to cat. no. for reverse gender of neutral & ground	(6) Wire E1016 cam Black - phase Blue - phase Red - phase White - neutral Green - ground Add RGN to cat. no. for reverse gender of neutral & ground	(6) Wire E1016 cam Black - phase Blue - phase Red - phase White - neutral Green - ground Add RGN to cat. no. for reverse gender of neutral & ground
Dimensions:	44"H x 20"W x 9"D	44"H x 20"W x 9"D	35"H x 20"W x 9"D

* For 5 wire, replace 6 with 5.

Performance Specifications:

1. Unit shall be UL and CUL Listed and labeled.
2. The unit shall have a wiring chamber that contains both direct wire lugs and single pole cam output connectors.
3. Both Cam and lug cables shall drape downward when connected.
4. Cam and lug cables shall enter and exit the wiring chamber from access holes in the bottom of the enclosure.
5. A lockable hinged access door shall provide access to the wiring chamber, denying access to the connections when mated.
6. The access door shall engage the shunt trip mechanism of the main circuit breaker whenever it is not fully closed, so that connections cannot be made or broken under load.
7. The unit shall provide strain relief for lug cables exiting the bottom of the chamber.
8. Output lug connections shall accommodate a maximum of 250mcm cable.
9. A strip of white light-emitting diode worklight shall light the wiring chamber whenever the access door is not fully closed.
10. The unit shall contain (1) 100% rated 3 pole main circuit breaker with a 65K AIC rating.
11. Breaker shall be recessed beneath the plane of the front panel of the unit to prevent accidental operation.
12. Breaker shall be equipped with a padlock attachment to lock the handle in the off position when not in use.
13. The 400A breaker shall be resettable to 200 Amps trip on the unit. A separate plug shall be available to reset the 400A main breaker at 100 Amps.
14. The unit shall be equipped with light emitting diode indicator lights for each supply phase, labeled with NEC specified color-codes and alphabetic names of phases.
15. The unit shall further be supplied with a light emitting diode indicator light indicating supply to ground continuity, labeled with an alphabetic description and color coded green.
16. The ground connection shall be isolated from the frame.
17. Contractor connections to the main circuit breaker shall accept up to 500mcm wire.
18. Enclosure shall be fabricated from 14 gauge steel.
19. Enclosure shall have (4) welded mounting tabs.
20. When needed, the unit shall be UL and CUL Listed as NEMA 3R Weatherproof.



Lex Products Corp. 401 Shippan Avenue Stamford, CT 06902

Phone: 1-800-643-4460 Fax: 203-363-3742

We Deliver the Power™

www.lexproducts.com info@lexproducts.com



Concerts

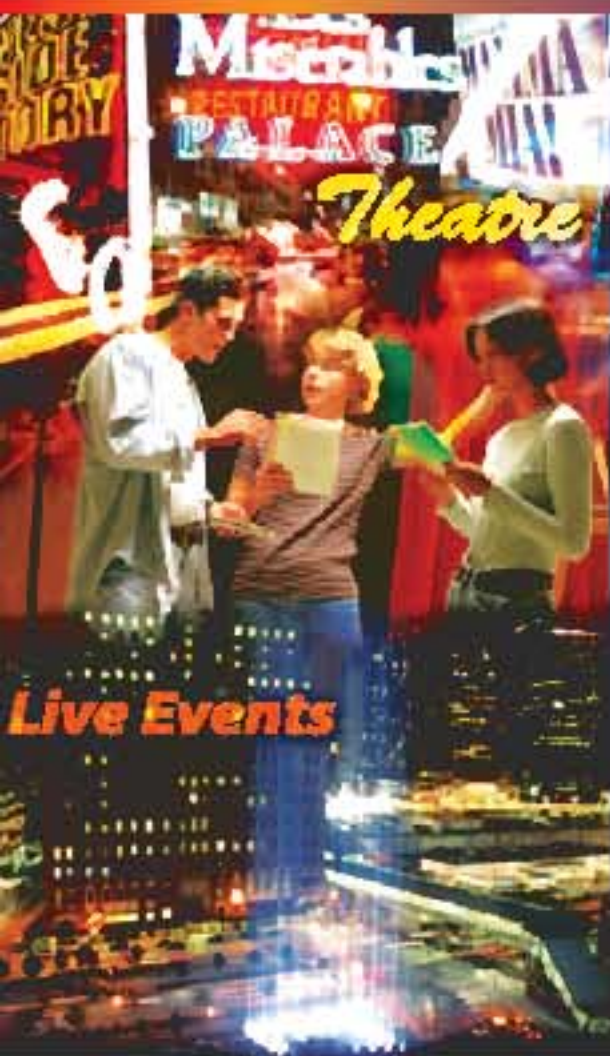
Introducing...

A New Line of Data Products

by



We Deliver the Power™



including...

- ▶ ***Lex DataSnake™ Multi Conductor Data Cable***
- ▶ ***Tour Grade DMX Extension Cables***
- ▶ ***DMX Adapters, Testers & Problem Solvers***
- ▶ ***DMX to Ethernet Wiring Adapters***
- ▶ ***Tour Grade RJ-45 Ethercon® Cables***
- ▶ ***Ethercon® to RJ-45 Adapters***
- ▶ ***Data Outlet System***

Concerts

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Live Events

DataSnake™ DMX Multi-Cables

Lex Products Introduces tour-grade, flexible multi-cables for DMX512 and other data applications.



Benefits:

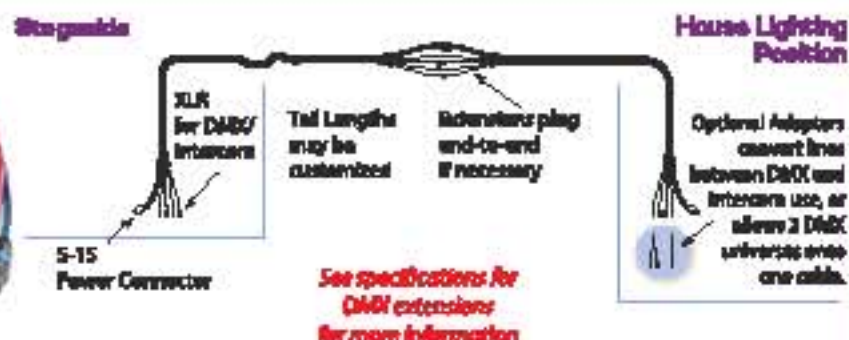
- ▶ Saves the time and the hassle of installing, taping and striking multiple cables to front of house positions
- ▶ Neater, more professional and longer lasting than individual or banded cables
- ▶ Works with conventional XLR type DMX cables
- ▶ Custom connector and marking options are available to meet your exact needs

DataSnake™

Utility Version

Four individually-jacketed DMX Universes, an intercom line and a 15 Amp AC Power circuit, all in one flexible, tour-grade overall jacketed cable.

[Application Example]



Utility Version Specification

Type	Qty	Male/Female Connectors	Cable
DMX 512	4	Neutrik black/gold 5 Pin	Two twisted pair 22 AWG stranded tinned copper conductors with (2) braid strength members, an overall braid shield, and a polyurethane jacket.
Intercom	1	Neutrik black/gold 3 Pin	One twisted pair 22 AWG stranded tinned copper conductors with braid strength member, shield and PVC jacket.
AC Power Circuit	1	Hubbell all black industrial grade	(3) 12 AWG stranded tinned copper with 100% C Rated PVC jacket. Overall PVC jacket installed to break-out point.

Overall Tour Grade 90 mil PVC Jacket
Nominal O.D.: 0.750"
Weight: 3500/10'

Cat. No.	Description
D845P3P515XX	(4) 5 Pin XLR
Individual circuits are broken out from overall cable jacket.	(1) 3 Pin XLR and
	(1) NEMA 5-15 (Edison) Extension
	XX insert cable length

** Requests for custom connector options are welcome.

Ordering Information

DataSnake™ DMX Multi-Cables

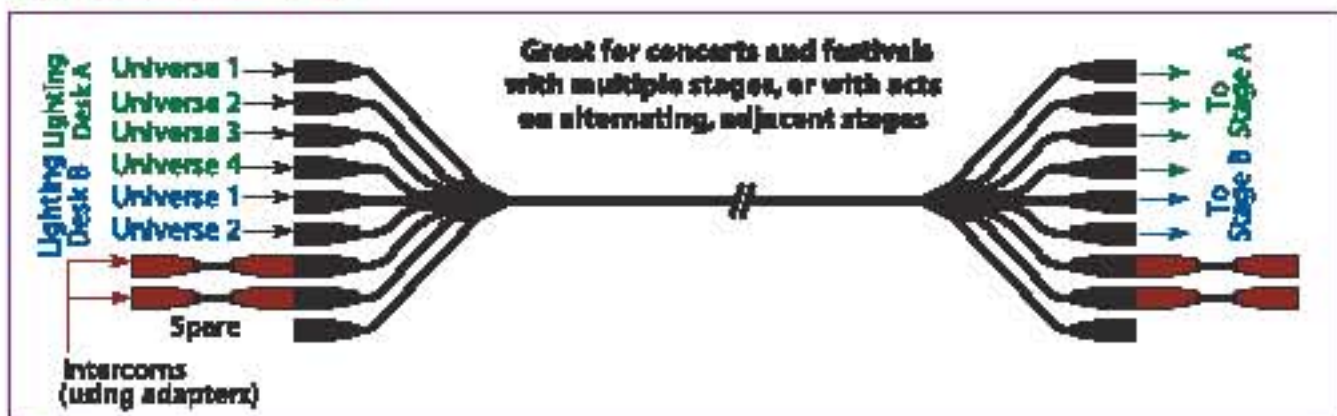
D-MAX Version

9 DMX Universes in one, flexible, tour grade overall jacketed cable.

DataSnake™



[Application Example]



DMAX Version Specification

Type	Qty	Male/Female Connectors	Cable
DMX 512	9	Neutrik black/gold 5 pin	Two twisted pair-22 AWG stranded tinned copper conductors with (2) kevlar strength members.

Each two pair shielded circuit is broken out of the multi-cable with heavy duty pro heat-shrink.

Overall Tour Grade 60 mil PVC Jacket

Nominal O.D. : 0.425"

Weight: 550lbs/roll


Ordering Information

Cat. No.	Description
0838PXX	(9) 5 Pin XLR Circuits are broken out 16" from overall cable jacket. XX Insert cable length

*** Requests for custom connector options are welcome.*

XLR Shielded Data Cables (DMX)

Lex Products provides a full line of tour-grade DMX extensions and related shielded XLR data cables for intercom, color changers, RFU remote-focus units and LED luminaries.



Features & Benefits:

- ▶ Heavy duty tour-grade polyurethane jacket offers dependability and long life
- ▶ Rugged Neutrik black/gold connectors provide most reliable long-lasting connections

- ▶ Water and UV resistant, suitable for outdoor use
- ▶ Customer name and/or color code applied to cable at no extra charge
- ▶ Extra flexible for ease-of-use

XLR Type Data Cables

Shielded XLR Data Cables - Specifications and Ordering Information

Type	Male Connectors	Cable	Female Connectors*	Catalog Number
3 Pin XLR	3 Pin XLR (Neutrik) Black/Gold	1 pair & Shield 22 AWG Black Polyurethane jacket	3 Pin XLR (Neutrik) Black/Gold	DMX-3P-XX
Color Changer	4 Pin XLR (Neutrik) Black/Gold	1 pair & Shield 22 AWG 2x14 AWG Black Polyurethane jacket	4 Pin XLR (Neutrik) Black/Gold	CC-4P-XX
DMX 512	5 Pin XLR (Neutrik) Black/Gold	2 pair & Shield 22 AWG Black Polyurethane jacket	5 Pin XLR (Neutrik) Black/Gold	DMX-5P-XX
RFU	6 Pin SC Compatible (Neutrik) Male	3 pair & Shield 22 AWG Black Polyurethane jacket	6 Pin SC Compatible (Neutrik) Male	RFU-XX-MM
LED (color blast)	4 Pin XLR (Neutrik) Black/Gold	2 pair & Shield 22 AWG Black Polyurethane jacket	4 Pin XLR (Neutrik) Black/Gold	DMX-4P-XX

* Except RFU Cable

Universe Saver Adapter Set

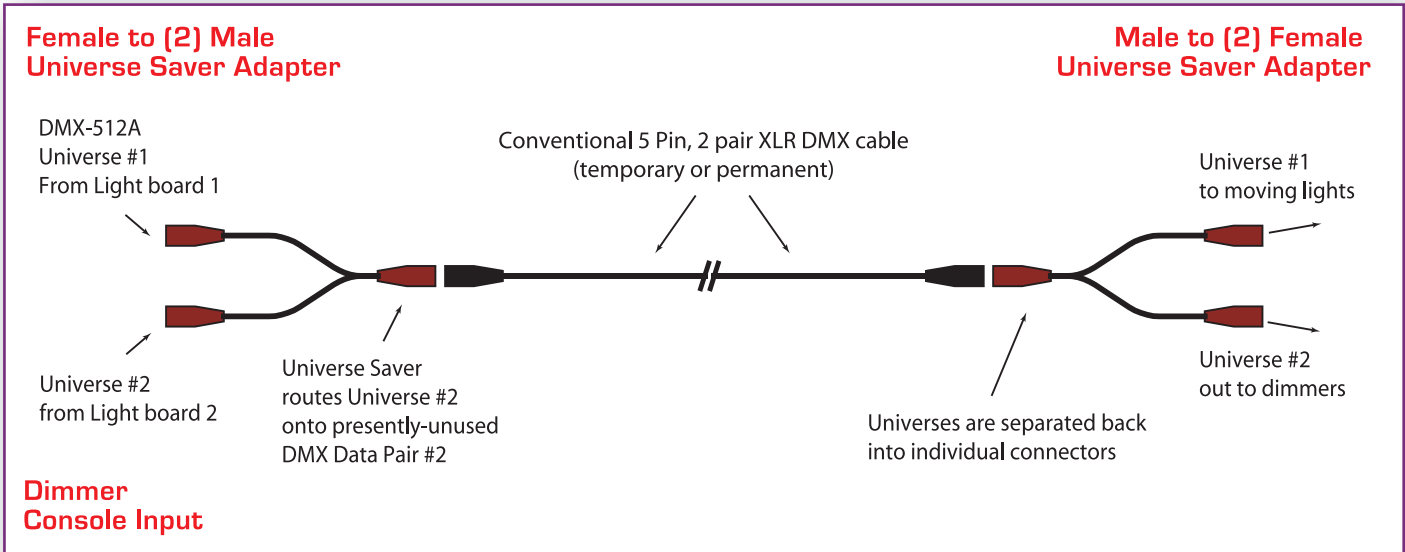
DMX Protocol calls for 5 Pin XLR connectors 2 pairs of data wires, even though only one pair is used. Two DMX universes can be transmitted on one 5 Pin XLR DMX cable by using a set of universe saver adapters.

Ordering Info

Cat. No.	Description
DMXUSS	Set of Universe Saver adapters: (1) 5 Pin Male XLR to (2) 5 Pin Female XLR plus (1) 5 Pin Female XLR to (2) 5 Pin Male XLR. 14" long.



[Application Example]



DMX 5/3 Pin Adapters

Although DMX protocol calls for 5 Pin XLR connectors, 3 Pin XLR can also be used, so adapters may be necessary.

DMX 5/3 Pin



DMX Adapter Specifications and Ordering Information

Type	Male Connectors	Cable	Female Connectors	Catalog Number
5 Pin Male to 3 Pin Female Adapter	5 Pin XLR Neutrik black/gold	2 pair & Shield 22 AWG Black Polyurethane jacket	3 Pin XLR Neutrik black/gold	DMX5PM-3PF
3 Pin Male to 5 Pin Female Adapter	3 Pin XLR Neutrik black/gold	2 pair & Shield 22 AWG Black Polyurethane jacket	5 Pin XLR Neutrik black/gold	DMX3PM-5PF

DMX to Ethernet Wiring Adapters

[DMX to Ethernet]

More and more stages and studios are being wired with Cat 5/RJ-45 permanent wiring. Lex DMX to Ethernet Wiring Adapters allow DMX signals to connect into the building's Cat5/RJ-45 wiring system.

Lex DMX to Ethernet Adapters do not convert DMX into an Ethernet signal, but adapt the Ethernet wire to carry DMX signal.



DMX to Ethernet

DMX to Ethernet Adapters Specifications

DMX	Ethernet	Cable	Catalog Number
Male 5 Pin XLR [Neutrik]	Heavy Duty RJ-45 with boot	4 Pair 24 AWG Industrial Grade	DMX5PM-RJ45
Female 5 Pin XLR [Neutrik]	Heavy Duty RJ-45 with boot	4 Pair 24 AWG Industrial Grade	DMX5PF-RJ45
Male 5 Pin XLR [Neutrik]	Ethercon® Shrouded Extra Heavy Duty RJ-45 with boot	4 Pair 24 AWG 7 x 32 Industrial Grade	DMX5PM-RJ45E
Female 5 Pin XLR [Neutrik]	Ethercon® Shrouded Extra Heavy Duty RJ-45 with boot	4 Pair 24 AWG 7 x 32 Industrial Grade	DMX5PF-RJ45E

[Ethercon® to RJ-45 Adapter]

Neutrik® Ethercon® cables last far longer than standard RJ-45 cables because the contacts are protected by a heavy duty aluminum shroud. But the shroud prevents the cables from connecting to standard RJ-45 jacks. The Ethercon® to RJ-45 Adapter allows Neutrik® Ethercon® cables to be plugged into standard RJ-45 jacks.

Ordering Information

Cat. No.	Description
RJ45-RJ45E	Standard RJ-45 to Neutrik® Ethercon® Adapter. 12" Long



Ethercon® to RJ-45

Data Outlet System

A flexible, economical system for interfacing between building wiring and patch cables. With Lex's data outlet system, you have multiple mounting options, of data outlets such as surface, flush or pipe mounting.

Pipe Mount



Surface Mount



Surface or pipe mount boxes are not available in 3 or 5 Gang. For 3 Gang surface applications, use a 4 Gang box and face plate with additional blank insert. For 5 Gang use a 6 Gang box and face plate with an additional blank insert. Pipe mount boxes suitable for 3/8 - 1 1/2" schedule 40 pipe. 5/8 - 2" tubing.

Back Box Ordering Information

Description	Flush	Surface	Pipe Mount
One Gang	BB1F	BB1S	BB1PM
Two Gang	BB2F	BB2S	BB2PM
Three Gang	BB3F		
Four Gang	BB4F	BB4S	BB4PM
Five Gang	BB5F		
Six Gang	BB6F	BB6S	BB6PM

Face Plate Ordering Information

Catalog Number	Description
WP1	One Gang Face Plate
WP2	Two Gang Face Plate
WP3	Three Gang Face Plate
WP4	Four Gang Face Plate
WP5	Five Gang Face Plate
WP6	Six Gang Face Plate

Standard finish is black. Add suffix s for stainless finish.

Outlet Specifications

Catalog Number	Insert Description
I5XM	Male 5 Pin XLR
I5XF	Female 5 Pin XLR
I5XMF	One Male and One Female 5 Pin XLR
I5XMM	Two Male 5 Pin XLR
I5XFF	Two Female 5 Pin XLR
I6XRFU	One Female 6 Pin XLR ETC RFU
I6XHHR	One Female 6 Pin XLR Strand and Colortran HHR
IRJEC	Neutrik® Ethercon® RJ-45 (Extra Heavy Duty Shrouded Connectors)
I3XM	Male 3 Pin XLR
I3XF	Female 3 Pin XLR
I4XM	Male 4 Pin XLR
I4XF	Female 4 Pin XLR
IBK	Blank Insert

RJ-45 & Ethercon® Cables

Cat 5e Extension cables for use with 10 Base T Ethernet and Cobranet.

Choose heavy duty RJ-45 connectors or Neutrik® Ethercon® Shrouded RJ-45 Connectors for the ultimate in durability.

Both feature heavy duty tour-grade flexible cable for years of reliable use.



RJ-45 & Ethercon® Cables

Order Information

Connectors (both ends Male)	Cable	Catalog Number
Heavy Duty RJ-45 with boot	4 pair 24 AWG Industrial Grade	CAT5-XX
Ethercon® Shrouded Heavy Duty RJ-45 with boot	4 pair 24 AWG Industrial Grade	CAT5-EC-XX

xx insert cable length

Neutrik® and Ethercon® are registered trademarks of Neutrik Corporation.

DMX Tester

The Lex DMX Tester utilizes two color LEDs to indicate signal presence, signal polarity and trouble-shoot wiring or continuity problems. It can also serve as a temporary or permanent termination.

DMX Tester Key Chain



Ordering Information

Cat. No.	Description
DMX3PTest	3 Pin DMX Tester with instructions on key chain
DMX5PTest	5 Pin DMX Tester with instructions on key chain

Tester Instructions

Plug into any source of DMX signal, into a "DMX Thru" output, or into the end of a DMX cable. LED brightness will vary depending on DMX channel levels.

All Dimmers/ Channels off	All Dimmers/ Channels @ Full	Interpretation
		No Signal
		Signal Present
		Signal Present but possible pin 2/3 swapped (polarity reversed)

DMX Terminators

A DMX Terminator must be plugged into the last outlet of a DMX daisy chain circuit in order for it to function properly.



Ordering Information

Cat. No.	Description
DMX3P-Term	3 Pin Terminator 120 OHM Resistor
DMX5P-Term	5 Pin Terminator 120 OHM Resistor



Concerts

**For more information on Lex Products,
visit www.lexproducts.com, email us at
info@lexproducts.com, or call us toll
free at 1-800-643-4460.**

Theatre



Live Events

About Lex Products

Just as an efficient electrical system utilizes 3 phases to ensure a smooth uninterrupted flow of power, Lex Products embraces a 3 Phase Philosophy to consistently exceed our customers' expectations.

The First Phase is **INNOVATION** in product design. In evaluating a new or re-designed product, we endeavor to design its features with the newest technology to provide the best, most convenient, time-saving and practical advantages. But our most important goal is for our products to be safer, more convenient and longer-lasting.

The second phase is **QUALITY** of manufacture. Simply put, we are obsessed with the manufactured quality of the products that we build. The components that we utilize must meet strict criteria before going into one of our cable assemblies or power distribution products. And, if we can't find the proper component, we have been known to design and tool-it-up ourselves. At every stage in the manufacturing process, we go through a rigorous testing and inspection process to ensure that the multitude of electrical and control circuitry is intact and in perfect working order. Before the Lex label is ever applied, every component that goes into a Lex Product must meet our standards, or it won't be let out of the shop.

The third phase is **SERVICE**. We built our business by meeting delivery deadlines for the motion picture industry, theater, concerts, and live-events. When a customer calls with a need, we'll do whatever is humanly and physically possible to ensure their success. And don't be surprised if we call to see how your application went. We want to find out if there is anything we can do to improve the product for the future. At Lex, 360° Feedback is not just a buzz word.

So that is the Lex Products Philosophy: **Innovation, Quality and Service**. It is this 3-Phased approach that has made our company grow and expand into new and emerging markets, such as the Military, Convention and Industrial sectors. And, it is this approach that will ensure our future growth.

For more information on Lex Products, visit www.lexproducts.com, email us at info@lexproducts.com, or call us toll free at 1-800-643-4460.



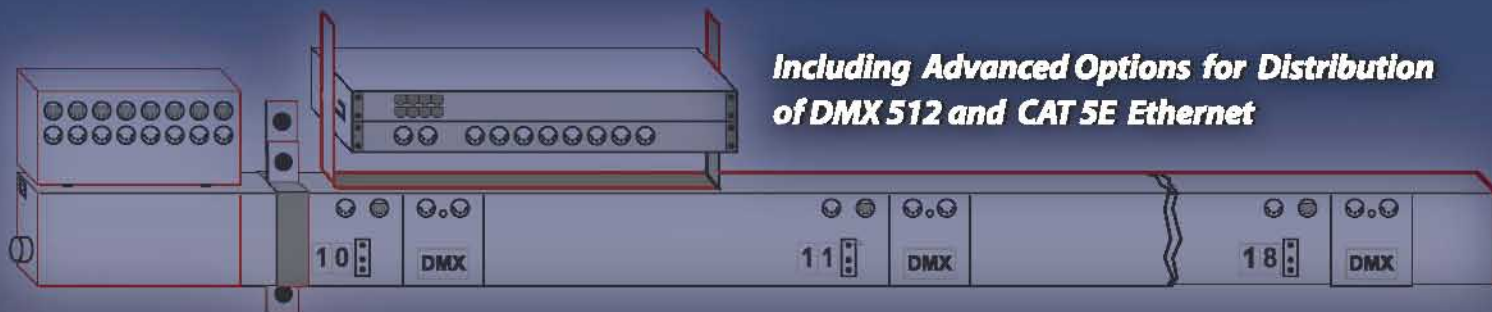
We Deliver the Power™

PowerPlusTM Connector Strips

*Safe,
Convenient
Power and
Data Access for
Theatre and
Studio
Applications*



*Including Advanced Options for Distribution
of DMX 512 and CAT 5E Ethernet*



LEX
PRODUCTS CORP.

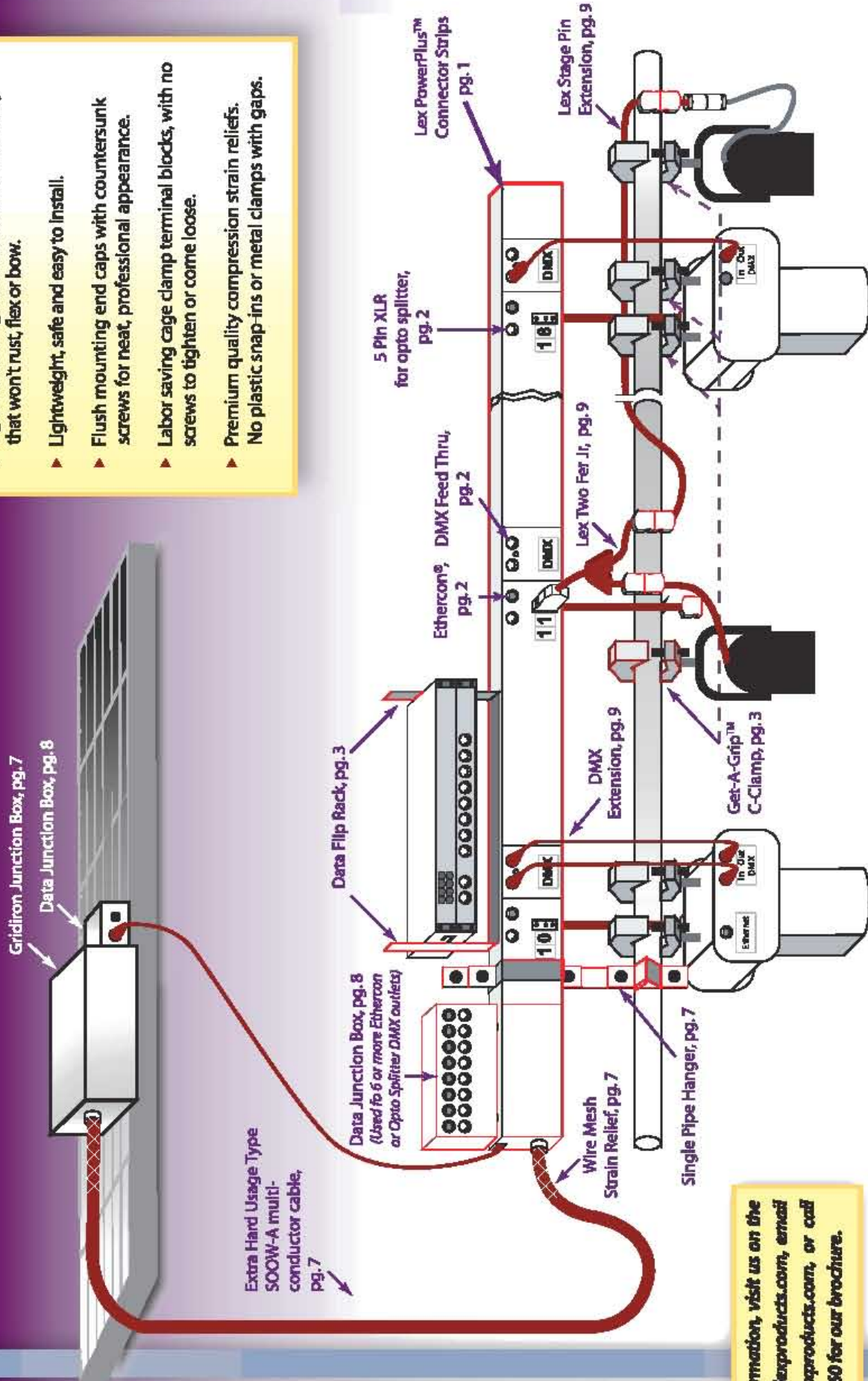
We Deliver the PowerTM

Safe,
Convenient
Power and
Data Access
for
Theatre and
Studio
Applications



The PowerPlus™ Connector Strips offer the most advanced options for distribution of DMX512 and Cat5E ethernet to accommodate today's advanced equipment.

- ▶ Rigid Interlocking extruded aluminum wireway that won't rust, flex or bow.
- ▶ Lightweight, safe and easy to install.
- ▶ Flush mounting end caps with countersunk screws for neat, professional appearance.
- ▶ Labor saving cage clamp terminal blocks, with no screws to tighten or come loose.
- ▶ Premium quality compression strain reliefs. No plastic snap-ins or metal clamps with gaps.



For more information, visit us on the web at www.lexproducts.com, email us at info@lexproducts.com, or call 1-800-643-4460 for our brochure.

PowerPlus™ Connector Strips

Enclosed electrical wireways designed to provide electrical and data outlets where needed above or around a stage.



DMX Daisy Chain wiring with feed thru switch.

Construction

- 0.125" black enamel finish extruded aluminum wireway with interlocking cover sections
- 20' or longer connector strips combine multiple 10' sections with a mechanical junction sleeve
- Circuits are identified with 2" white die cut labels
- L.E.D. indicator lights are available
- When DMX or Ethernet outlets are provided a separate metal channel separates power and data wiring
- Approved for stage/studio use in the US and Canada



Power Input Options

- For 6 or less circuits, a cage clamp terminal block is located inside the connector strip. The power input conductors are connected to the terminal block.
- For 7 or more circuits, a separate junction box is provided to house the terminal block and wiring.
- 19 Pin panel mount LSC connectors (Socapex® compatible) can be provided as the power input eliminating the need for installer wiring. Each 19 pin connector delivers (6) 20 Amp circuits (per NEC table 520-544).

Power Outlet Options

Following types of power outlets may be specified:

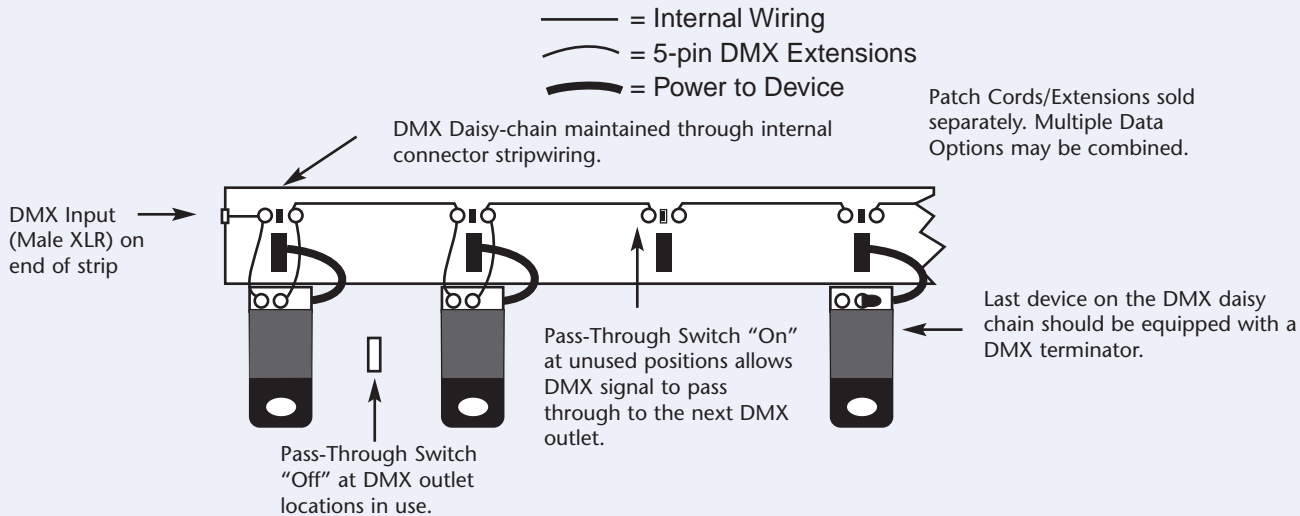
Outlet Type	Description
2PGFL	20 Amp flush stage pin receptacle
2PGPT	20 Amp stage pin 18" pigtail (12/3 S00W-A portable cord)
2PGPTM	20 Amp stage pin 18" pigtail (12/3 S00W-A portable cord with wire mesh grip support)
L520R	20 Amp flush locking receptacle
L520PT	20 Amp locking 18" pigtail (12/3 S00W-A portable cord)
L520PTM	20 Amp locking 18" pigtail (12/3 S00W-A portable cord with wire mesh grip support)
602PGFL	60 Amp flush stage pin receptacle
602PGPT	60 Amp stage pin 18" pigtail (4/3 S00W-A portable cord)
602PGPTM	60 Amp stage pin 18" pigtail (4/3 S00W-A portable cord with wire mesh grip support)

Dimensions	Wireway	Junction Box
Height (Top to Bottom)	4-5/8"	7-1/2"
Depth (Front to Back)	3-3/16"	3-3/16"
Length (End to End)	per appl.	per appl.
Weight	6 lbs./ft. typical	

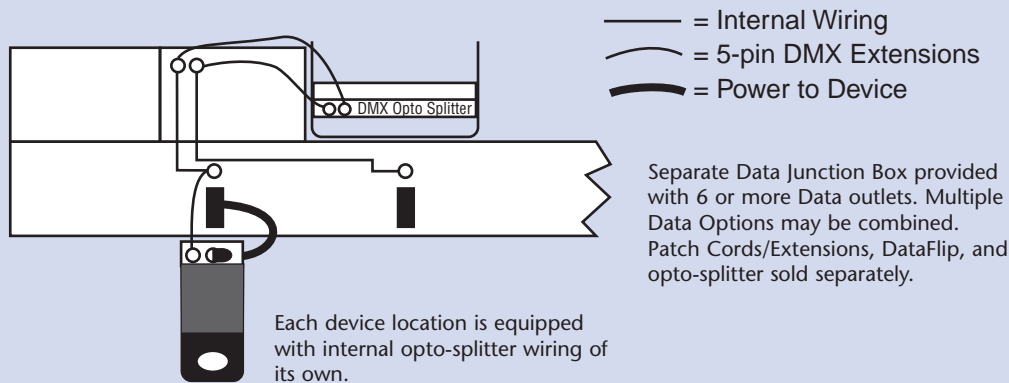
Data Wiring Options

Lex Products offers the following options for data wiring. Contact us if another method is desired. Data flip 19" rack is sold separately (see page 3).

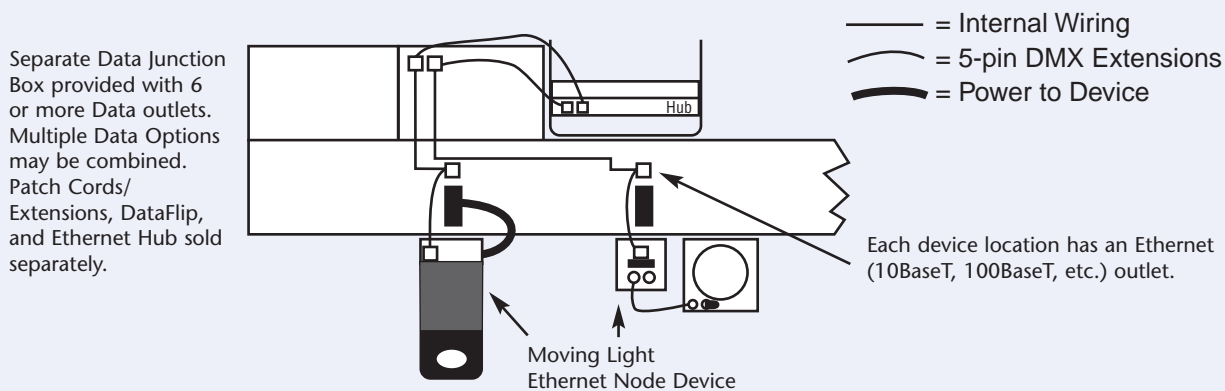
DMX Daisy-Chain (Order Code DMX DC)



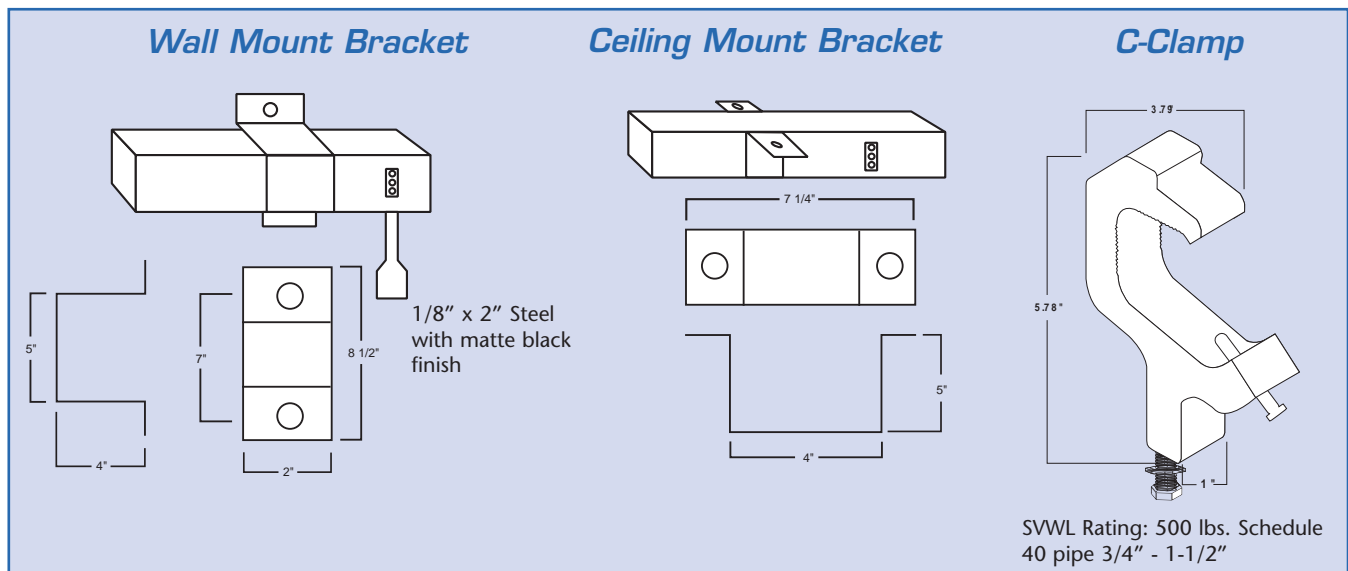
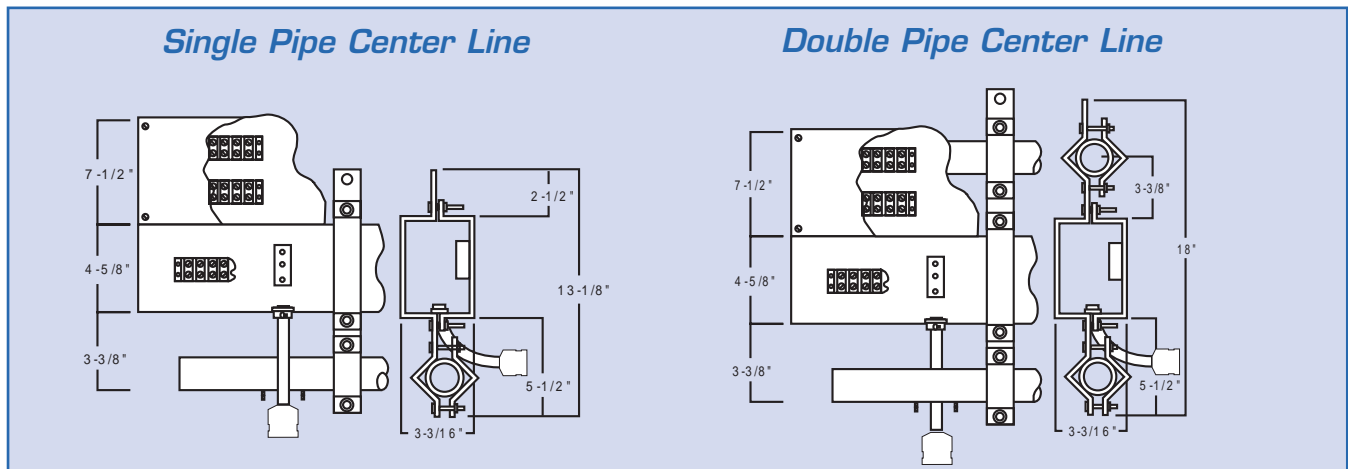
DMX for use with Opto-Splitter (Order Code DMX OS)



Star Ethernet Ethercon® (Heavy duty shrouded RJ45) (Order code SEE)

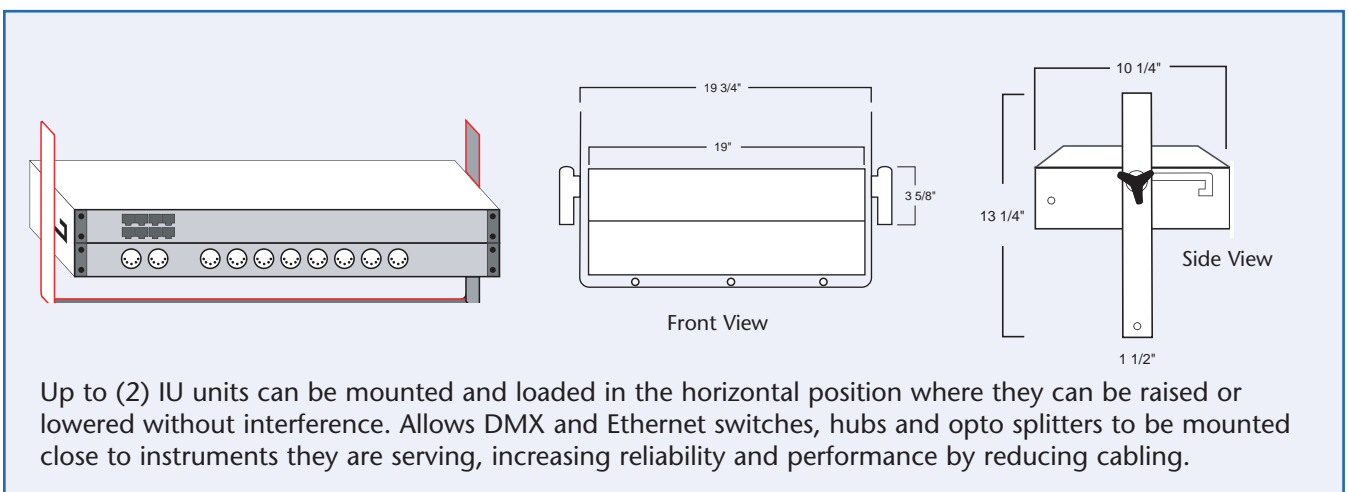


PowerPlus™ Connector Strip Mounting Brackets



Additional mounting options are available on request. Contact factory with requirements.

Data Flip 19" 2U Rack



PowerPlus™ Connector Strip Ordering Information

YOUR APPLICATION	CATEGORY	Length in feet	Quantity of outlets	Outlet type	Number of circuits	Spacing between outlets	Circuit numbering	Indicator lights	Data options	Mounting hardware	Terminal feed end
	NOTES			Select from page 1	Insert number for each outlet type. Separate outlet types with parenthesis	Insert SE for even or submit separate sheet	N= numbered left to right S= Symmetrical	If desired enter letter I	Insert code from page 2	SP for single pipe DP for double pipe	L =Left C =Center R =Right <small>(as you face the front panel of the connector strip)</small>
	EXAMPLE	30	16 4	2PGFL 520R	16 1	SE	S	I	DMXDC	SP	L

Separate outlet groups (Quantity, Type and Number of Circuits) with parenthesis.

Example: 30 (162PGFLI6) (4520R1) SES1DMXDCSLL is 30' long with 16 flush stage pin outlets on individual circuits. 4 20 Amp straight blade outlets on one circuit, even spacings symmetrical circuit ID, indicator lights, DMX daisy chain wiring, single pipe mounting brackets and terminals to the left.

Specifications

- The PowerPlus™ Connector Strip shall be an extruded 0.125" aluminum wireway with interlocking cover sections for strength with length specified as per job requirements. Dimensions shall be 4-5/8" high x 3-3/16" deep.
- The PowerPlus™ Connector Strip shall have a baked enamel paint finish in black, with outlets identified by 2" white die-cut labels.
- Terminal blocks shall be DIN rail mounted screwless "cage clamp" type. The terminal compartment for six circuits or less shall be in the wireway itself with a removable access panel. A code gauge steel welded junction box shall be provided for seven circuits or more.
- The PowerPlus™ Connector Strip shall accommodate cUL^{us} Listed outlets ranging from 20-100 Amps, 240VAC maximum. Outlets may be flush mounted to the cover or on 18" 12/3 S00W-A extra hard usage pigtailed. Wire mesh grips shall be available for the pigtailed as an option.
- The PowerPlus™ Connector Strip shall accommodate DMX512 Daisy Chain, DMX512 for Opto Splitter or 10 base T ethernet wiring. Data wiring shall be separated from power wiring with a metal barrier. DMX512 wiring shall have Neutrik® Black/Gold input and output connectors. Ethernet wiring shall have Neutric Ethercon® extra heavy duty shrouded jacks.
- The PowerPlus™ Connector Strip shall be supplied with hanging hardware (cat. #541S) to accommodate a single 2" maximum O.D. pipe. One hanger shall be provided for each 5'-0" of strip length. Hanging hardware (cat. #541D) to accommodate two 2" max O.D. pipes may be provided as an option.
- The PowerPlus™ Connector Strip shall be cUL^{us} Listed for use in the United States and Canada.

Outlet Boxes

Standard enclosure sizes for up to 6 outlets offering surface, flush or pipe mounting.

Construction

- 0.125" black enamel finish aluminum with interlocking cover sections
- Circuits identified with 2" white die cut labels
- LED indicator lights are available
- cULus Listed and labeled

Power Input Options

- Cage Clamp terminal block, or
- 19 pin panel mount LSC connector for 6 circuit applications (Max 20 amp per circuit per NEC table 520-44)

Power Outlet Options

20-60 amp stage pin or NEMA wiring devices. Flush mount, 18" pigtail or 18" pigtail with wire mesh grip. See connector strip section for ordering codes (page 1).



6 outlet box with LSC pin connector input.

Dimensions

	Surface Mount	Pipe Mount	Flush Mount
Box			
Height (Top to Bottom)	4-5/8"	4-5/8"	4-5/8"
Depth (Front to Back)	3-3/16"	3-3/16"	3-3/16"
Width (Side to Side)			
1-2 outlets	6"	6"	6"
3-4 outlets	12"	12"	12"
5-6 outlets	16"	16"	16"
Cover			
Height (Top to Bottom)	4-5/8"	4-5/8"	4-5/8"
Width (Side to Side)			
1-2 outlets	6"	6"	6-21/32"
3-4 outlets	12"	12"	12-21/32"
5-6 outlets	16"	16"	16-21/32"

Mounting Options


Order Code	Description
PB	Single pipe mount brackets and U-bolts provided.
FL	Flush mount A 21/32" flange is provided around the perimeter of the box
SM	Surface mount. Holes can be drilled where needed in the enclosure for surface mounting
CC	C-Clamps provided for pipe mount applications

Outlet Box Ordering Information

CATEGORY	Quantity of outlets	Outlet type	Number of circuits	Circuit numbering	Indicator lights	Mounting type
NOTES	Maximum six outlets	Insert order code from page 1		Insert actual numbers	If desired enter letter I	Insert order code from previous page
EXAMPLE	4	2PGPTM	4	1234	I	PB
YOUR APPLICATION						

Example: 42PGPTM41234IPB is a 12" x 4-5/8" x 3-3/16" wide box with (4) 20A stage pin 18" pigtails with wire mesh, on individual circuits numbered 1 through 4 with indicator lights supplied. Hung with single pipe brackets and U-bolts.

Outlet Box Specifications:

The outlet box shall be a  listed wireway constructed of 0.125" black enamel finish aluminum with interlocking cover sections. The exterior dimensions of the wireway shall be 4-5/8" high x 3-3/16" deep by 6" wide for up to 2 outlets, 12" wide for 3 or 4 outlets, 16" wide for 5 or 6 outlets.

Receptacles shall be flush mounted to the cover or attached to 18" 12/3 SOOW-A pigtails (drop cords) or both. Pigtails shall be supported by compression type strain relief fittings mounted to the bottom surface. Wire mesh support grips shall be available for arc of bend relief as an option.

The outlet boxes shall be available in four mounting configurations:

- Surface mount
- Pipe mount with brackets and U-bolts
- Pipe mount with C-Clamps, and
- Flush (recessed) mount.

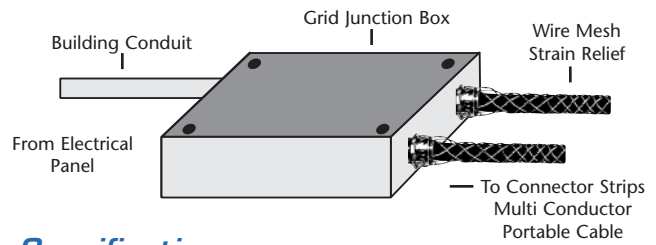
Boxes shall be capable of being converted to each mounting type in the field by exchanging accessories at the installation location using only common hand tools. Flush mount covers shall be provided with a 21/32" flange around the perimeter.

Grid Junction Boxes and Accessories


Grid Junction Boxes are the interface between building conduit and multi conductor cables that feed connector strips or outlet boxes. They are typically mounted to grids above the stage or surface mounted to walls.

Dimensions & Circuitry:

	Cat.# 6610J-1	Cat.# 6610J-2	Cat.# 6610J-3	Cat.# 6610J-4
Terminals	24	48	72	96
Height	7.5"	7.5"	7.5"	7.5"
Depth	3"	3"	3"	3"
Width	10"	18"	26"	34"
Circuits	1-12	13-24	25-36	37-48



Specifications:

The junction box shall be an  Listed wireway constructed of 16 gauge welded steel. The exterior dimensions of the wireway shall be 7-1/2" high x 3" deep, with the width being dependent upon the number of circuits specified.

The junction box shall include a removable steel cover to allow access to the wiring and cage clamp terminals. The proper number of terminals shall be provided to allow the installation of separate hot and neutral conductors for each electrical circuit. Terminal blocks shall be non loosening, cage clamp style. Separate lugs shall be provided for terminating any grounding conductor.

All painted surfaces shall be baked enamel.

Multi-Conductor Portable Cords & Strain Reliefs UL Listed CSA Certified



Extra Hard Usage Type S00W-A
Portable Cord as required in theatrical
applications by NEC Article 520.



Insulated Box Mount Strain Relief Grips



Standard Duty Support Grips Single
Eye Closed Mesh

Catalog Number	No. of Conduct.	AWG Size	Cond. Strand	Nominal O.D. Inches	MM	Approx. LBS/M'	Strain Relief Grip	Support Grip
09205	5	12	65/30	0.715	18.03	325	073031209	02201014
09207	7	12	65/30	0.790	19.56	410	073031210	02201015
09208	8	12	65/30	0.825	20.96	460	073031210	02201015
09209	9	12	65/30	0.900	22.86	505	073031210	02201015
09210	10	12	65/30	1.000	25.40	580	073031211	02201017
09212	12	12	65/30	1.010	25.65	650	073031211	02201017
09214	14	12	65/30	1.020	27.43	715	073031211	02201017
09216	16	12	65/30	1.135	28.83	825	073031211	02201017
09218	18	12	65/30	1.175	29.97	895	073031211	02201017
09220	20	12	65/30	1.175	30.48	965	073031211	02201017
09224	24	12	65/30	1.375	35.56	1240	073031212	02201018
09226	26	12	65/30	1.400	35.56	1290	073031212	02201018
09227	27	12	65/30	1.455	37.72	1325	073031212	02201018
09228	28	12	65/30	1.500	38.10	1355	073031212	02201019
09230	30	12	65/30	1.500	38.10	1450	073031212	02201019
09236	36	12	65/30	1.655	41.99	1670	073031213	02201019
09240	40	12	65/30	1.690	42.93	1830	073031213	02201019
09244	44	12	65/30	1.885	47.88	2000	073031214	02201020
09250	50	12	65/30	1.970	50.04	2300	073031214	02201020
09005	5	10	104/30	0.770	19.56	465	073031210	02201015
09006	6	10	104/30	0.875	22.23	505	073031210	02201015
09008	8	10	104/30	0.935	23.75	625	073031210	02201015
09010	10	10	104/30	1.020	25.91	755	073031211	02201017
09012	12	10	104/30	1.070	24.51	850	073031211	02201017
09016	16	10	104/30	1.230	31.24	1140	073031211	02201017
09020	20	10	104/30	1.325	33.66	1445	073031212	02210018

Data Outlet System

- A flexible, economical system for interfacing between building wiring and patch cables.
- Allows surface, flush or pipe mounting of data outlets.

Step One

Select the insert or combination of inserts that gives you the data outlets you require.

Step Two

Select the faceplates based on the number of inserts. (For one insert select a one gang plate, etc.)

Step Three

Select the surface, flush or pipe mount back box for the installation.



Surface mount



Pipe mount

Cat. no.	Inserts Description
I5XERM	Male 5 pin XLR
I5XF	Female 5 pin XLR
I5XMF	One Male and one Female 5 pin XLR
I5XMM	Two Male 5 pin XLR
I5XFF	Two Female 5 pin XLR
I6XRUF	One Female 6 pin XLR ETC RFU
I6XHHR	One Female 6 pin XLR Strand and Colortran HHR
IRJEC	Neutrik® Ethercon® RJ45 (Extra Heavy Duty Shrouded Connectors)
I3XM	Male 3 pin XLR
I3XF	Female 3 pin XLR
I4XM	Male 4 pin XLR
I4XF	Female 4 pin XLR
IBK	Blank Insert

Face Plates

Cat. No.	Description
WP15	One Gang Face Plate
WP25	Two Gang Face Plate
WP35	Three Gang Face Plate
WP45	Four Gang Face Plate
WP55	Five Gang Face Plate
WP65	Six Gang Face Plate

Standard finish is black. Use suffix SS for stainless steel finish.

Back Boxes

Description	Flush	Surface	Pipe Mount
One gang	BB1F	BB1S	BB1PM
Two gang	BB2F	BB2S	BB2PM
Three gang	BB3F		
Four gang	BB4F	BB4S	BB4PM
Five gang	BB5F		
Six gang	BB6F	BB6S	BB6PM

Surface and pipe mount boxes are not available in 3 or 5 gang.



For 3 gang surface applications use a four gang box and face plate with additional blank insert.

For 5 gang use a 6 gang box and face plate with an additional blank insert.

Cable Assemblies

Lex Products builds every conceivable cable assembly used in entertainment. We've listed the most prevalent used in conjunction with connector strips below. Contact us or visit us on the web to see the full line of Lex cable assemblies.

Power Extensions

Type	Rating	Male Connector	Portable Cord	Female Connector	Configuration	Catalog Number
Stage Pin	20A 125V 2P3W	20A 2P3W Stage Pin	12/3 SOW-A Extra Hard Usage	20A 2P3W Stage Pin	N/A	BE7000-XX
Edison	15A 125V 2P3W	NEMA 5-15P All Black	12/3 SOW-A Extra Hard Usage	NEMA 5-15R All Black		PE7000-XX-515
NEMA Locking	20A 125V 2P3W	NEMA L5-20P All Black	12/3 SOW-A Extra Hard Usage	NEMA L5-20R All Black		PE7000-XX-L520



XX - indicate length

Data Cables

Type	Rating	Male Connector	Portable Cord	Female Connector	Configuration	Catalog Number
DMX 512		Neutrik Black/Gold	2 Pair & Shield 22 AWG*	Neutrik Black/Gold	5 Pin XLR	DMX-5P-XX
Color Changer		Neutrik Black/Gold	1 Pair & Shield 22 AWG, 2 #14 AWG*	Neutrik Black/Gold	4 Pin XLR	CC-4P-XX
Remote Focus		Neutrik Black/Gold	3 Pair & Shield 22 AWG*	Neutrik Black/Gold Male	6 Pin SC Compatible	RFU-XX-MM
Ethercon® RJ45		Neutrik Ethercon® Male	4 Pair 24 AWG Industrial Grade	Neutrik Ethercon® Male	RJ45 Shrouded	CAT5-EC-XX
Ethernet		Heavy Duty RJ45 Male with Boot	4 Pair 24 AWG Industrial Grade	Heavy Duty RJ45 Male with Boot	RJ45	CAT5-XX

XX - indicate length

Two-Fers and Three-Fers (Lex Two-Fer JR File E219086)

Type	Rating	Male Connector	Portable Cord	Female Connector	Configuration	Catalog Number
Stage Pin	20A 125V 2P3W	(1) 20A 125V 2P3W Stage Pin	12/3 SJTOW-A Molded Y 36" Length	(2) 20A 125V 2P3W Stage Pin	N/A	3123J-SP*
Edison Two-Fer	15A 125V 2P3W	(1) NEMA 5-15P All Black	12/3 SJTOW-A Molded Y 36" Length	(2) NEMA 5-15 All Black		3123J-515*
NEMA Locking	20A 125V 2P3W	(1) NEMA L5-20 All Black	12/3 SJTOW-A Molded 36" Length	(2) NEMA L5-20 All Black		3123J-L520*

*Also available as three-fer – Replace 3123 with 4123

About Lex Products

Just as an efficient electrical system utilizes 3 phases to ensure a smooth uninterrupted flow of power, Lex Products embraces a 3 Phase Philosophy to consistently exceed our customers' expectations.

The First Phase is **INNOVATION** in product design. In evaluating a new or re-designed product, we endeavor to design its features with the newest technology to provide the best, most convenient, time-saving and practical advantages. But our most important goal is for our products to be safer, more convenient and longer-lasting.

The second phase is **QUALITY** of manufacture. Simply put, we are obsessed with the manufactured quality of the products that we build. The components that we utilize must meet strict criteria before going into one of our cable assemblies or power distribution products. And, if we can't find the proper component, we have been known to design and tool-it-up ourselves. At every stage in the manufacturing process, we go through a rigorous testing and inspection process to ensure that the multitude of electrical and control circuitry is intact and in perfect working order. Before the Lex label is ever applied, every component that goes into a Lex Product must meet our standards, or it won't be let out of the shop.

The third phase is **SERVICE**. We built our business by meeting delivery deadlines for the motion picture industry, theater, concerts, and live-events. When a customer calls with a need, we'll do whatever is humanly and physically possible to ensure their success. And don't be surprised if we call to see how your application went. We want to find out if there is anything we can do to improve the product for the future. At Lex, 360° Feedback is not just a buzz word.

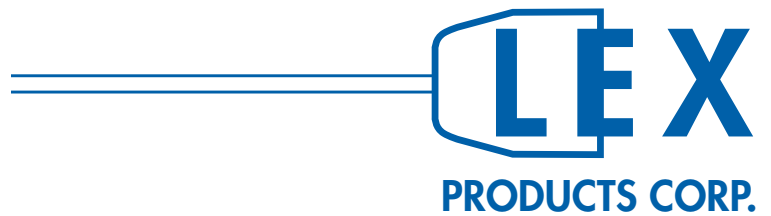
So that is the Lex Products Philosophy: **Innovation, Quality** and **Service**. It is this 3-Phased approach that has made our company grow and expand into new and emerging markets, such as the Military, Convention and Industrial sectors. And, it is this approach that will ensure our future growth.

For more information on Lex Products, visit www.lexproducts.com, email us at info@lexproducts.com, or call us toll free at 1-800-643-4460.



We Deliver the Power™

LEX
Connects!



Visit us on the web at www.lexproducts.com



LSC19

19 Pin Socapex[®]
Compatible
Connectors



The Inside Story



Machined Aluminum Housing with hard anodized finish provides the maximum in durability. Precision machine threads on coupling ring and female housing provide ease of mating and long life.

Genuine Skintop®
Strain relief keeps strain off terminals on the widest range of cables.

Thermoplastic Insulating Sleeve for added safety prevents stray wire strands from potentially energizing the housing.



Female Contacts Employ a Sophisticated Tempered Spring, to ensure a low resistance connection. Unlike competitors' split contacts, the spring will maintain constant pressure over the life of the device.

Flexible Rubber Insert provides flexibility in aligning male and female contacts. Heat and impact resistant.



Insert clearly, permanently marked on both front and back provides ease of wiring and circuit identification.

A recessed area is provided in the insert to accept the ground discs. The use of ground discs allows ground conductors to be combined in multi-cable through the connector.



Spider Inline Version allows construction of break ins/outs providing secure weather-proof strain relief for each individual six circuit cord (suitable for 12/3 SJ and 14/3 SJ cords).

Ordering Information



Male Inline



Female Inline



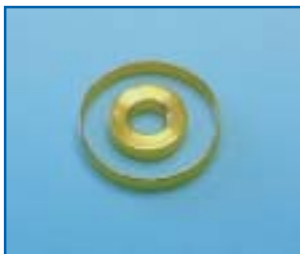
Male Panel Mount



Female Panel Mount

Style	Male Inline	Female Inline	Cable Diameter Range	Male Panel Mount	Female Panel Mount
Crimp	LSC19-LMC-29	LSC19-LFC-29	0.55-1.00"	LSC19-PMC	LSC19-PFM
Solder	LSC19-LMC-29 LSC19-LMS-29	LSC19-LFS-29	0.55-1.00"	LSC19-PMS	LSC19-PFS
PG 36 Version Extra wide cable entry-crimp	LSC19-LMC-36	LSC19-LFC-36	0.95-1.25"		
PG36 Version Extra wide cable entry-solder	LSC19-LMC-36 LSC19-LMS-36	LSC19-LFC-36 LSC19-LFS-36	0.95-1.25"		
Spider Version (Break in/out) crimp contact	LSC19-LMC-SPR	LSC19-LFC-SPR	(6) 12/3 SJT or 0 or (6) 14/3 SJT or 0		

Accessories



Grounding Disks
LSC19-GR



Protective Caps
For Female LSC19-DCF
For Male LSC19-DCM



Crimp Contact Insertion
Tool LSC19-INS



Replacement Contacts
Crimp Female LSC19-SC
Male LSC19-PC
Solder Female LSC19-SS
Male LSC19-PS

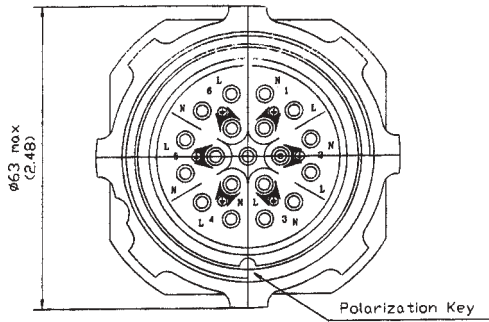


Crimp tool LSC19-CMP

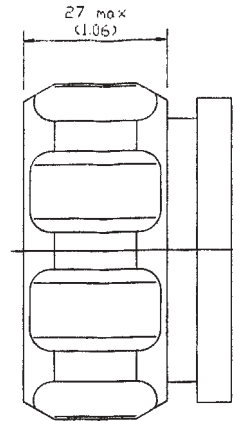


Crimp Contact Removal
Tool LSC19-REM

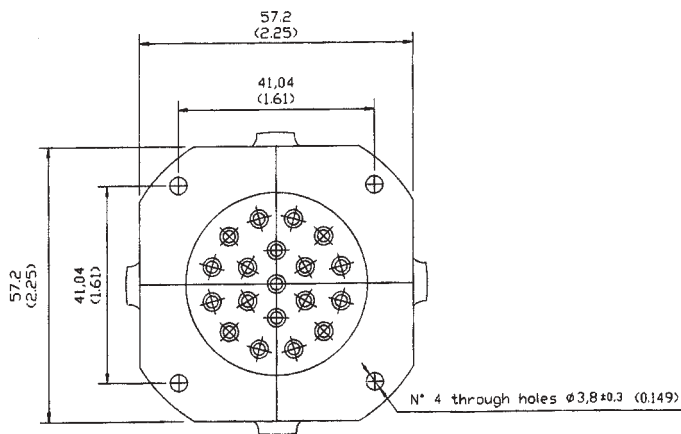
Panel Mount Dimensions



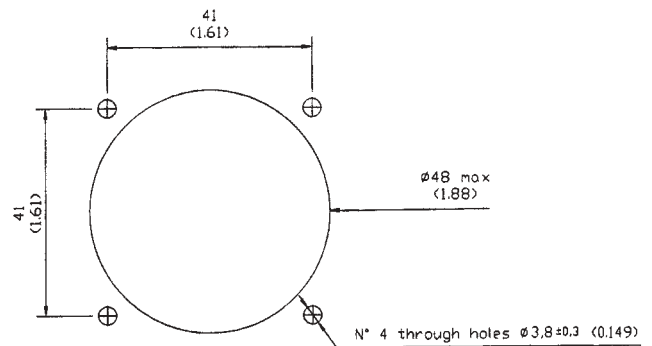
Front



Locking Ring



Rear



Panel Cut Out

Voltage Rating
Current Rating
Operating Temp
Ingress Protection
Shells
Finish
Insert
Cable entry

700VDC, 500VAC
20 Amps
-55 to +125 degrees C
IP67 watertight when mated
Machined Aluminum
Hard Black Anodized
Neoprene
Standard PG29 0.55" to 1.00"
PG36 Version 0.95" to 1.25"

Lex Products Corp. manufactures a full range of cable assemblies for the entertainment market:

- LSC19 Multi Cables
- LSC19 Break Outs/Ins
- Cam Feeder Cable
- Pin Extensions/Splitters
- Edison Extensions
- Two-fers, Three-fers
- DMX, Speakon, Motor Control

Visit us on the web at lexproducts.com for product listings or call us for a quote.



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