

Electrical Accessories

General Specifications

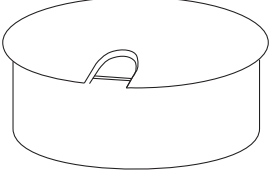
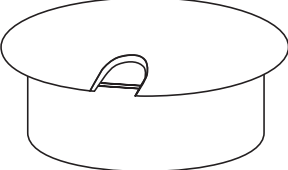
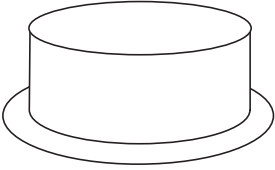
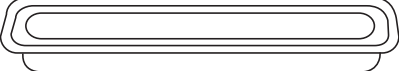
Have electrical power and data access conveniently located, where you need it, and in the format required by your computer system and all other electrically powered equipment. Prevent wire clutter by storing excess cables and wires in wire-management channels.

Based upon your specification, Brodart provides single or multi-circuit power systems with optional dedicated computer circuitry. Also, a choice of 15-amp or 20-amp systems, as you specify.

Quick-connect cable couplings are utilized by Brodart to permit easy, on-site installations and to provide for rearrangement as changing needs dictate.

UNITS

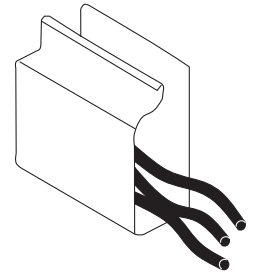
When ordering grommets, provide sketch indicating the desired location of grommet on work surface. Grommets are not always included as standard with the product. If wires are to be passed through work surfaces or from one unit to another you will need to order the grommets separately.

| | Catalog No. | Description |
|---|-------------|---|
| Grommet with Cap  | X1-700-001 | 2" round grommet fits 1- ³ / ₄ " diameter hole. Nominal 1- ⁵ / ₈ " inside diameter. Notched removable cap. Notch ⁵ / ₈ " W. Material: ABS plastic, Black. |
| Grommet with Cap   | X1-700-002 | 3- ¹ / ₂ " round grommet fits 3" diameter hole. Nominal 2- ⁷ / ₈ " inside diameter. Notched removable cap. Notch ⁷ / ₈ " W – use for computer plugs. Material: ABS plastic, Black. |
| Computer Paper Grommet  | X1-700-111 | 17" long, 1" W, inside dimensions. Material: ABS plastic, Black. |

| Catalog No. | Description |
|-------------|---|
| X1-700-020 | J-Channel Wire Manager. Clean modern appearance, easy to install, may be stapled or screwed to most surfaces. Inside dimensions: 1-1/2" H x 1" W x 72" long. To insert a cord, pull open the flexible front of the "J" and lay it in. |

Material: ABS plastic, Dark Brown only.

J-Channel Wire Manager



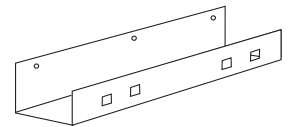
| | |
|------------|---------------------|
| XJ-695-S00 | 3" H x 22" W x 4" D |
| XJ-678-S00 | 3" H x 26" W x 4" D |
| XJ-012-S00 | 3" H x 30" W x 4" D |
| XJ-673-S00 | 3" H x 32" W x 4" D |
| XJ-047-S00 | 3" H x 37" W x 4" D |
| XJ-460-S00 | 3" H x 44" W x 4" D |

J-Channel Wire Manager for electrical or data cables. 18-gauge steel with electrostatically applied Black powder paint. J-Channels are 3-1/8" H and 4" D; the front lip of the channel is 2" H. Mounts to back panels or keels.

Note: Grommets are not always included as standard with the product. If wires are to be passed through the work surfaces or from one unit to another you may need to order the grommets separately.

Note: See page 22 for modular insert data jacks.

**J-Channel Wire Manager
(for Panel Mounting)**

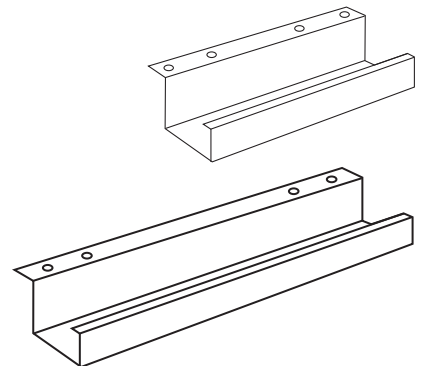


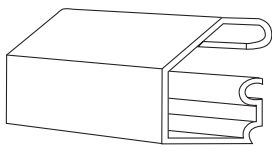
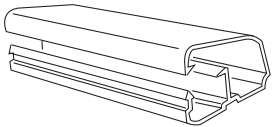
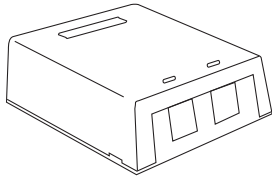
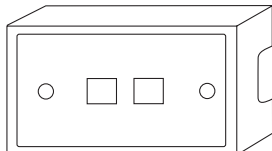
| | |
|------------|-----------------------------|
| X1-700-030 | 3-1/2" H x 22" W x 3-1/4" D |
| X1-700-031 | 3-1/2" H x 28" W x 3-1/4" D |

18-gauge steel J-Channel wire manager with electrostatically applied Black powder paint. Mounts to underside of tabletop.

Note: Grommets are not always included as standard with the product. If wires are to be passed through the work surfaces or from one unit to another you may need to order the grommets separately.

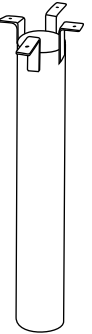
**J-Channel Wire Manager
(for Table Mounting)**



| | Catalog No. | Description |
|---|-------------|---|
| Data & Communication Raceway  | X1-700-065 | <p>One piece, Black, latching surface raceway for low voltage, communications cabling applications. Supplied with pre-applied adhesive backed tape for permanent and hands-free mounting. Will hold up to four data cables. Can be used with category 5 and fiber optic cabling applications.</p> <p>Unit is 1/2" H x 1" W x 6' L.</p> |
| Power & Data Communication Raceway  | X1-700-066 | <p>One piece, Brown, latching surface raceway for data, voice, video, fiber optic and power cabling applications. Unit has two channels that can route both power and data together. Unit has factory applied adhesive backing. Unit requires screw mounting when using for power applications.</p> <p>Unit is 7/8" H x 1-1/2" W x 10' L.</p> |
| Horizontal Surface-Mount Data Outlet Box  | X1-700-074 | <p>Horizontal Surface-Mount Data Outlet Box should be used for horizontal mounting for data requirements. This box inter-members with the X170065 and X1700066 raceways. Capacity of two jacks. Data jacks are not included.</p> <p>Unit is black ABS plastic.</p> <p>Note: See page 22 for modular jack inserts.</p> |
| Vertical Surface-Mount Data Outlet Box  | X1-700-070 | <p>Vertical Surface-Mount Data Outlet Box should be used for data requirements. This box inter-members with the X1700065 and X1700066 raceways. Capacity of two jacks. Data jacks are not included. Unit is black ABS plastic.</p> <p>Note: See page 22 for modular jack inserts.</p> |

| Catalog No. | Description |
|--------------------|---|
| X1-700-050 | 3-1/2" diameter steel tube, with electrostatically applied powder-paint finish, Black. Wire manager to be mounted under the work surface, below grommet. Height is 23". |

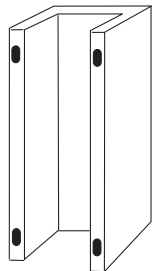
Vertical Wire Manager



| | |
|------------|---|
| X1-700-195 | For 25" H work surface – actual height, 22" |
| X1-700-197 | For 29" H work surface – actual height, 26" |
| X1-700-199 | For 39" H work surface – actual height, 36" |

Vertical wood, wire chase is used to manage cords below the work surface. Inside dimensions: 2-1/4" x 3".

Vertical Chase

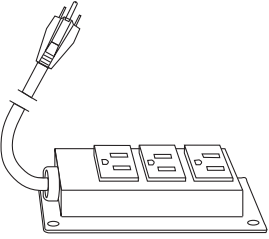
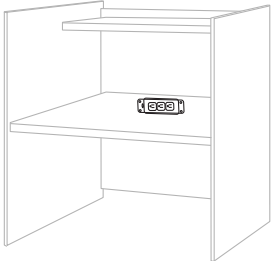
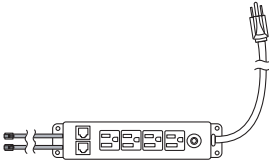
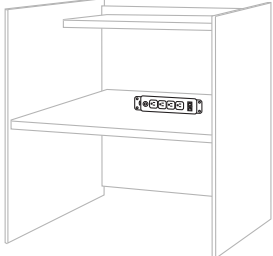


General Specifications

BRODART 15-AMP ELECTRICAL SYSTEMS

The following 15-amp electrical components are listed by Underwriters Laboratories under UL standard WWJT for utility tables.

Electrical components listed under UL standard WWJT have been tested with the furniture as a system and have been found to be in compliance with applicable UL standards for safety. UL has examined the electrical components for proper configuration and has conducted flammability and stability tests on the furniture to reach this determination.

| | Catalog No. | Description |
|--|-------------|--|
| <p>Power Strip</p>   | X1-700-112 | <p>Three-outlet power strip. Nine-foot SJT cord.</p> <p>Note: Carrels do not come standard with grommets in the end, intermediate or back panels; also they do not have grommets in the work surface. If grommets are required, they must be ordered separately. When ordering grommets, provide a sketch indicating the desired grommet location.</p> |
| <p>15-amp Power/Data Strip</p>   | 73-258-S00 | <p>Outlet strip with four surge-protected electrical outlets and two RJ45 category 5 data jacks. Unit has two nine-foot patch cords for data and a nine-foot power cord. Unit has a resettable circuit breaker.</p> <p>Note: Data jacks are wired for TIA/EIA T568A. Carrels do not come standard with grommets in the end, intermediate or back panels; also they do not have grommets in the work surface. If grommets are required, they must be ordered separately. When ordering grommets, provide a sketch indicating the desired grommet location.</p> |

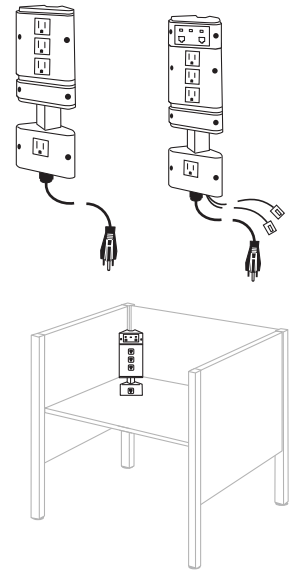
| Catalog No. | Description |
|-------------|--|
| 73-560-S00 | Corner Power Unit |
| 73-559-S00 | Corner Power and Communication Center w/o Patch Cords |
| 73-559-S02 | Corner Power and Communication Center w/9' Patch Cords |

The corner power center has four electrical outlets, three above the work surface and one below the work surface. The unit mounts in the corner of the carrel or OPAC station. Unit comes with a 9' SJT power cord.

The corner power and communication center has the same electrical as above and includes a data module which allows for up to 3 data jacks. Unit comes standard with 2 RJ45 Category 5 data jacks. The data jacks can be ordered either with or without 9' data patch cords. Units are black ABS plastic.

Note: Data jacks are wired for TIA/EIA T568A.

Corner Mounted Power/Communication Center

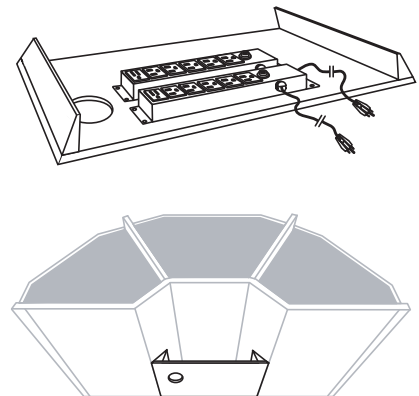


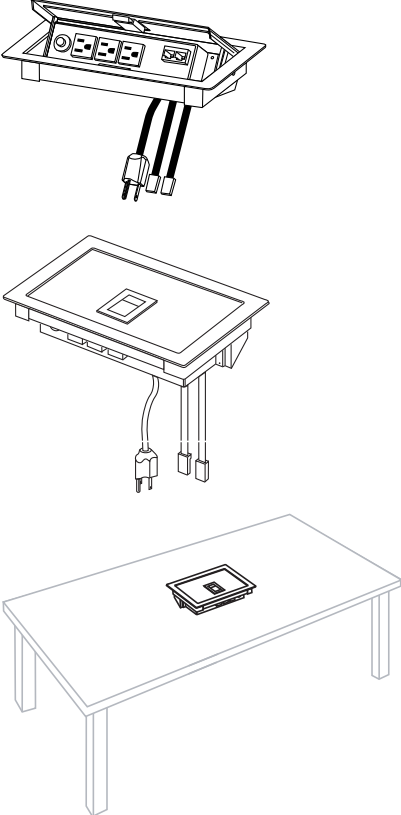
| | |
|------------|--|
| 73-274-S00 | Power assembly panel is manufactured of 3/4" veneered particleboard with 2-1/2" D cleats on the ends for mounting to the unit. The assembly is installed in the well created in the center of the OPAC stations. The power assembly has two six-outlet, 15-amp power strips. Each outlet strip has a nine-foot SJT power cord. Outlets are for electrical devices only and are not for plugging in power strips. |
|------------|--|

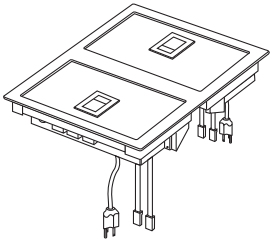
Space available on panel for future data patch panel requirements.

Overall dimensions: 14" H x 27-1/2" W x 2" D.

Panel Power Assembly for Three- and Six-Position OPAC Station



| | Catalog No. | Description |
|---|-------------|---|
| <p>Tilt Up Power and Data Center</p>  | 73-268-S00 | <p>Tilt up data and power center is constructed from 18-gauge steel painted Black. The unit has three electrical outlets with resettable circuit breaker, provided with a nine-foot SJT cord. Comes standard with two RJ45 category 5 data jacks, with nine-foot patch cords. The access door is spring loaded and opens to an approximate 42° angle, remaining open while in use. The access door is held closed with a spring-loaded clasp. The unit mounts into the tabletop.</p> <p>Overall dimensions: 10" W x 5-³/₄" D. Door opening: 8-³/₈" W x 4-¹/₄" D.</p> <p>Note: Data jacks are wired for TIA/EIA T568A. A sketch must be provided to show the location of the unit in the work surface. The sketch must have dimensions indicating the exact location.</p> |

| | | |
|---|------------|--|
| <p>Double-Faced Tilt Up Power and Data Center</p>  | 73-368-S00 | <p>Tilt up data and power center is constructed from 18-gauge steel painted black. The unit has six electrical outlets with resettable circuit breakers, provided with two nine-foot SJT cords. Comes standard with four RJ45 category 5 data jacks, with nine-foot patch cords. The access doors are spring loaded and open to an approximate 42° angle, remaining open while in use. The access door is held closed with a spring loaded clasp. The unit mounts into the tabletop.</p> <p>Overall dimensions: 10-⁷/₈" W x 10" D. Door opening: 8-³/₈" W x 4-¹/₄" D.</p> <p>Note: Data jacks are wired for TIA/EIA T568A. A sketch must be provided to show the location of the unit in the work surface. The sketch must have dimensions indicating the exact location.</p> |
|---|------------|--|

Catalog No. **Description**

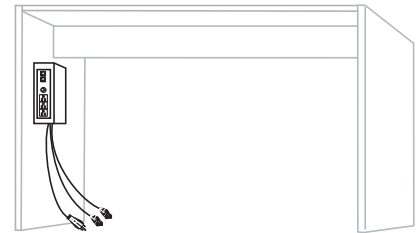
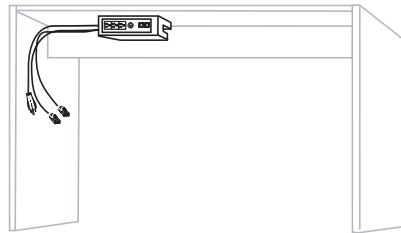
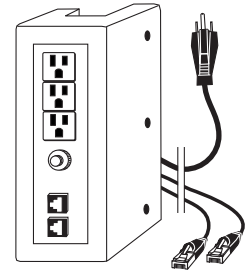
73-280-S00 Unit is constructed using the same species of wood and the same finish as the table on which it is mounted. The unit has three 15-amp electrical outlets with resettable circuit breaker and is provided with a nine-foot SJT cord. Comes standard with two RJ45 category 5 data jacks, with nine-foot patch cords.

Overall dimensions: 2-³/₄" H x 8-¹/₂" W x 3-³/₈" D.

Note: Data jacks are wired for TIA/EIA T568A.

You must provide information as to which unit the item is to be attached so proper species and finish are ordered.

Work Surface and Panel Table Power & Data Outlet

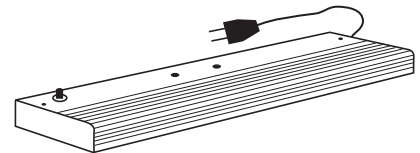


73-253-001 24" W lights, with one-foot Power Cord
 73-253-002 24" W lights, with nine-foot Power Cord

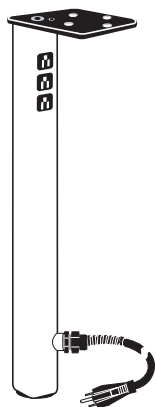
73-253-011 36" W lights, with one-foot Power Cord
 73-253-012 36" W lights, with nine-foot Power Cord

Task Light

Lights are available in 24" and 36" widths. Lights are Black with a 3-¹/₂" lens opening with a durable prismatic lens. Units have a tri-phosphor T8 lamp, rapid-start magnetic ballast, high-gloss UV stable reflector, and safety keyhole slots for mounting.



**Quorum 94 Series Table:
Power-Outlet Leg, 15 amp**



| Catalog No. | Description |
|-------------|--|
| X1-941-S00 | Leg for Leg Plate Style Table For 29" H table |
| X1-941-S02 | For 27-1/2" H table |
| X1-941-S03 | For 25" H table |
| X1-941-S04 | For 32" H table |
| | Leg for Apron Style Table: |
| X1-942-S00 | For 29" H table |
| X1-942-S04 | For 32" H table |
| X1-942-S05 | For 39" H table |

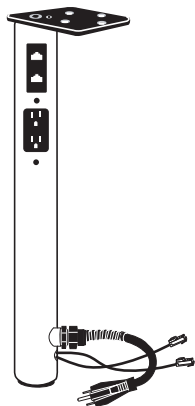
Leg is 2-1/4" sq., 1/8" thick wall, aluminum extrusion with 3/4" radius on the outside corners. Leg is Oak veneer, wrapped to match other legs on the table and has three receptacles for power outlet and a two-foot SJT Powercord. A Hi-Pot Test of insulation and connections of 1,200 volts is given to each leg.

Note: See pages 28-29 for 20-amp version of these power and data legs.

Note: Use of grommet for wire passage through work surface is recommended.

Note: 15-amp power legs cannot accept power strips. Receptacles are for electrical device only.

**Quorum 94 Series Table:
Power- and Data-Outlet Leg, 15 amp**



| Catalog No. | Description |
|-------------|---|
| X2-941-S00 | Leg for Leg Plate Style Table: For 29" H table |
| X2-941-S02 | For 27-1/2" H table |
| X2-941-S03 | For 25" H table |
| X2-941-S04 | For 32" H table |
| | Leg for Apron Style Table: |
| X2-942-S00 | For 29" H table |
| X2-942-S04 | For 32" H table |
| X2-942-S05 | For 39" H table |

Leg is 2-1/4" sq., 1/8" thick wall, aluminum extrusion with 3/4" radius on the outside corners. Leg is Oak veneer, wrapped to match other legs on the table. The leg has two receptacles for power and two, category 5, RJ45 data jacks with nine-foot patch cords and a two-foot SJT Power Cord. A Hi-Pot Test of insulation and connections of 1,200 volts is given to each leg.

Note: 15-amp power legs cannot accept power strips. Receptacles are for electrical device only.

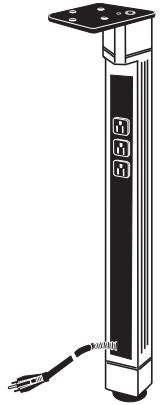
| Catalog No. | Description |
|-------------|---|
| X3-661-S00 | Leg for Leg Plate Style Tables For 29" H table |
| X3-661-S02 | For 27-1/2" H table |
| X3-661-S04 | For 32" H table |

| | |
|------------|---|
| X3-662-S00 | Leg for Apron Style Tables For 29" H table |
| X3-662-S02 | For 27-1/2" H table |
| X3-662-S04 | For 32" H table |
| X3-662-S05 | For 39" H table |

Leg is 2-1/4" square, glued up face-to-face from three solid cherry blanks. All glue joints are tight and smooth. The vertical and bottom edges of the leg are eased. The back corner of the leg is cut off 1-1/16" at a 45° angle starting at the bottom of the leg and ending 3-1/2" from the top of the leg. At 3-1/2" from the top of the leg, the cutoff tapers from 1-1/16" to 5/8" and continues to the top of the leg. The two outside vertical surfaces have a series of three 5/16" W x 5/32" D vertical flutes centered on the leg with a 5/16" space between each flute. The flutes begin 3-1/2" from the bottom of the leg and end 7/8" from the top of the leg. A single Reed, convex flute, 3/8" W x 1/16" D, located 2-1/2" from the bottom of the leg runs around all sides of the leg with the exception of the back corner triangular cut surface. The two top outer edges of the leg are rabbeted 3/16" H x 1/8" D to allow the leg to fit under the tabletop edge banding. Three 15-Amp electrical outlets are assembled in a metal channel which is routed into the backside of the leg. The unit has a 2-foot SJT power cord. A Hi-Pot Test of insulation and connections of 1,200 volts is given to each leg.

Note: 15-amp power legs cannot accept power strips. Receptacles are for electrical device only.

**Berwyn 66 Series Table:
Wood Power Leg**



| | |
|------------|---|
| X4-661-S00 | Leg for Leg Plate Style Tables For 29" H table |
| X4-661-S02 | For 27-1/2" H table |
| X4-661-S04 | For 32" H table |

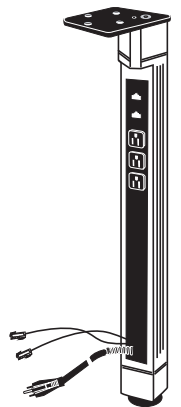
| | |
|------------|---|
| X4-662-S00 | Leg for Apron Style Tables For 29" H table |
| X4-662-S05 | For 39" H table |

Leg is 2-1/4" square, glued up face-to-face from three solid cherry blanks. All glue joints are tight and smooth. The vertical and bottom edges of the leg are eased. The back corner of the leg is cut off 1-1/16" at a 45° angle starting at the bottom of the leg and ending 3-1/2" from the top of the leg. At 3-1/2" from the top of the leg, the cutoff tapers from 1-1/16" to 5/8" and continues to the top of the leg. The two outside vertical surfaces have a series of three 5/16" W x 5/32" D vertical flutes centered on the leg with a 5/16" space between each flute. The flutes begin 3-1/2" from the bottom of the leg and end 7/8" from the top of the leg. A single Reed, convex flute, 3/8" W x 1/16" D, located 2-1/2" from the bottom of the leg runs around all sides of the leg with the exception of the back corner triangular cut surface. The two top outer edges of the leg are rabbeted 3/16" H x 1/8" D to allow the leg to fit under the tabletop edge banding. Three 15-Amp electrical outlets and two, category 5, RJ 45 data jacks with nine-foot patch cords are assembled in a metal channel which is routed into the backside of the leg. The unit has a 2-foot SJT power cord. A Hi-Pot Test of insulation and connections of 1,200 volts is given to each leg.

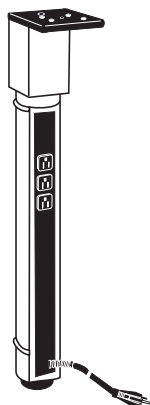
Note: Data Jacks are wired for TIA/EIA T568A.

Note: 15-amp power legs cannot accept power strips. Receptacles are for electrical device only.

**Berwyn 66 Series Table:
Wood Power and Data Leg**



**Chancellor Traditional
CHR Series Table: Wood Power Leg**



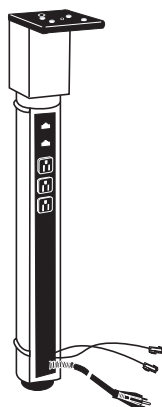
| Catalog No. | Description |
|-------------|---|
| X3-CH21-S00 | Leg for Plate Style Tables For 29" H table |
| X3-CH21-S02 | For 27-1/2" H table |

| | |
|-------------|---|
| X3-CHR1-S00 | Leg for Apron Style Tables For 29" H table |
| X3-CHR1-S02 | For 27-1/2" H table |
| X3-CHR1-S04 | For 32" H table |
| X3-CHR1-S05 | For 39" H table |

Leg is solid, glued-up Oak, face-to-face glued from three to four oak blanks. All glue joints are tight and smooth. The top of the leg is 2-7/8" square, radiused 1/4" on the vertical edges. The leg then transitions to a 2-1/2" diameter. A 5/8" W x 2-3/4" diameter ring is positioned 3/16" below squared portion of the leg and is radiused 3/8" to accent the transition from square to round. A second ring is positioned 2" from the bottom of the leg. Three 15-Amp electrical outlets are assembled in a metal channel which is routed into the backside of the leg. The unit has a 2-foot SJT power cord. A Hi-Pot Test of insulation and connections of 1,200 volts is given to each leg.

Note: 15-amp power legs cannot accept power strips. Receptacles are for electrical device only.

**Chancellor Traditional
CHR Series Table:
Wood Power and Data Leg**



| | |
|-------------|---|
| X4-CH21-S00 | Leg for Plate Style Tables For 29" H table |
| X4-CH21-S02 | For 27-1/2" H table |

| | |
|-------------|---|
| X4-CHR1-S00 | Leg for Apron Style Tables For 29" H table |
| X4-CHR1-S02 | For 27-1/2" H table |
| X4-CHR1-S04 | For 32" H table |
| X4-CHR1-S05 | For 39" H table |

Leg is solid, glued-up Oak, face-to-face glued from three to four oak blanks. All glue joints are tight and smooth. The top of the leg is 2-7/8" square, radiused 1/4" on the vertical edges. The leg then transitions to a 2-1/2" diameter. A 5/8" W x 2-3/4" diameter ring is positioned 3/16" below squared portion of the leg and is radiused 3/8" to accent the transition from square to round. A second ring is positioned 2" from the bottom of the leg. Three 15-Amp electrical outlets and two, category 5, RJ 45 data jacks with nine-foot patch cords are assembled in a metal channel which is routed into the backside of the leg. The unit has a 2-foot SJT power cord. A Hi-Pot Test of insulation and connections of 1,200 volts is given to each leg.

Note: Data Jacks are wired for TIA/EIA T568A.

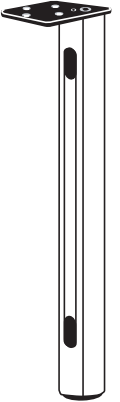
Note: 15-amp power legs cannot accept power strips. Receptacles are for electrical device only.

| Catalog No. | Description |
|-------------|-------------------------------|
| | Leg for Leg Plate Style Table |
| X3-945-S00 | For 29" H table |
| X3-945-S02 | For 27-1/2" H table |
| X3-945-S03 | For 25" H table |
| X3-945-S04 | For 32" H table |

| | |
|------------|---------------------------|
| | Leg for Apron Style Table |
| X3-946-S00 | For 29" H Apron Table |
| X3-946-S04 | For 32" H Apron Table |
| X3-946-S05 | For 39" H Apron Table |

Leg is glued up, 2-1/4" solid Northern-grown red oak. All vertical edges of legs receive a 3/4" radius. Bottom edges of legs are radiused 1/8". Leg is slotted 4" from the top and 2-1/2" from the bottom with a 1/2" W slot. Slots receive a snap-on; Oak-veneer wrapped cover, which allows a one-inch opening at the top and bottom of the slot for cord exit. Slot accepts two 3/8" power cords or four data cables.

**94 Series Table:
Wood Wire-Management Leg**

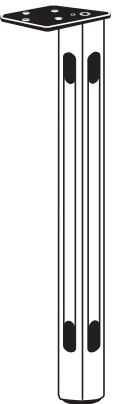


| | |
|------------|-------------------------------|
| | Leg for Leg Plate Style Table |
| X2-945-S00 | For 29" H table |
| X2-945-S02 | For 27-1/2" H table |
| X2-945-S03 | For 25" H table |
| X2-945-S04 | For 32" H table |

| | |
|------------|---------------------------|
| | Leg for Apron Style Table |
| X2-946-S00 | For 29" H apron table |
| X2-946-S04 | For 32" H apron table |
| X2-946-S05 | For 39" H apron table |

Leg is 2-1/4" sq., 1/8" thick wall, aluminum extrusion with 3/4" radius on outside corners. Leg is Oak veneer, wrapped to match other legs on the table. Leg is slotted 2" from the top to 3" from the bottom with a 1/2" W slot on two perpendicular sides. Slots receive a snap-on, Oak-veneer wrapped cover which allows a one-inch opening at the top and bottom of the slot for cord exit. Inside of leg has a divider to separate the data wires from the electrical wires. Slots accept two 3/8" power cords or four data cables.

**94 Series Table:
Data and Electrical
Wire-Management Leg**



Libris and Magnus
4W & 2W Series Table:
Wood Wire-Management Leg

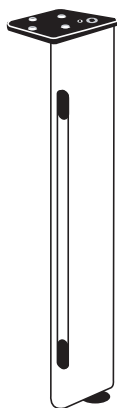
| Catalog No. | Description |
|-------------|--|
| X3-4W5-S00 | Leg for Leg Plate Style Table For 29" H table |
| X3-4W5-S02 | For 27-1/2" H table |
| X3-4W5-S03 | For 25" H table |
| X3-4W5-S04 | For 32" H table |



Leg is oak wood in a tapered, oval shape 2-7/8" W with a 13/16" radius on the front and 11/16" radius on the back edge. The leg is three pieces glued face-to-face from solid oak blanks, all glue joints are tight and smooth. The leg receives a 1-1/2" diameter adjustable glide. Leg is slotted 4" from the top and 2-1/2" from the bottom with a 1/2" W slot. Slots receive a snap-on; Oak-veneer wrapped cover, which allows a one-inch opening at the top and bottom of the slot for cord exit. Slot accepts two 3/8" power cords or four data cables.

Libris and Magnus
4M & 2M Series Table:
Metal Wire-Management Leg

| Catalog No. | Description |
|-------------|--|
| X3-4M5-S00 | Leg for Leg Plate Style Table For 29" H table |
| X3-4M5-S02 | For 27-1/2" H table |
| X3-4M5-S03 | For 25" H table |
| X3-4M5-S04 | For 32" H table |



Leg is extruded aluminum in a tapered, oval shape 2-3/4" W with a 3/4" radius on the front edge and a 5/8" radius on the back edge. The wall thickness of the leg is a minimum of 1/8". Legs are finished with an electrostatically applied epoxy powdered paint to match the rest of the legs on the table. Leg is slotted 4" from the top and 2-1/2" from the bottom with a 1/2" W slot. Slots receive a snap-on; metal cover painted the same color as the leg, which allows a one-inch opening at the top and bottom of the slot for cord exit. Slot accepts two 3/8" power cords or four data cords.

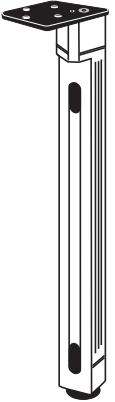
Catalog No. Description

- X3-665-S00 Leg for Leg Plate Style Table
 For 29" H table
 X3-665-S02 For 27-1/2" H table
 X3-665-S03 For 25" H table
 X3-665-S04 For 32" H table

- Leg for Apron Style Table
 X3-666-S00 For 29" H table
 X3-666-S05 For 39" H table

Leg is 2-1/4" square, glued up face-to-face from three solid cherry blanks. All glue joints are tight and smooth. The vertical and bottom edges of the leg are eased. The back corner of the leg is cut off 1-1/16" at a 45° angle starting at the bottom of the leg and ending 3-1/2" from the top of the leg. At 3-1/2" from the top of the leg, the cutoff tapers from 1-1/16" to 5/8" and continues to the top of the leg. The two outside vertical surfaces have a series of three 5/16" W x 5/32" D vertical flutes centered on the leg with a 5/16" space between each flute. The flutes begin 3-1/2" from the bottom of the leg and end 7/8" from the top of the leg. A single Reed, convex flute, 3/8" W x 1/16" D, located 2-1/2" from the bottom of the leg runs around all sides of the leg with the exception of the back corner triangular cut surface. The two top outer edges of the leg are rabbeted 3/16" H x 1/8" D to allow the leg to fit under the table top edge banding. Leg is slotted 4" from the top and 2-1/2" from the bottom with a 1/2" W slot. Slots receive a snap-on; Cherry-veneer wrapped cover, which allows a one-inch opening at the top and bottom of the slot for cord exit. Wire management slot is located on the cut on the back corner of the leg. Slot accepts two 3/8" power cords or four data cables.

**Berwyn 66 Series Table:
Wood Wire Management Leg**

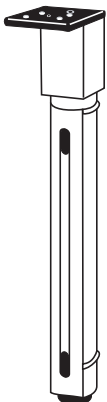


- X3-CH25-S00 Leg for Leg Plate Style Table
 For 29" H table
 X3-CH25-S02 For 27-1/2" H table

- Leg for Apron Style Table
 X3-CHR6-S00 For 29" H table
 X3-CHR6-S02 For 27-1/2" H table
 X3-CHR6-S04 For 32" H table
 X3-CHR6-S05 For 39" H table

Leg is solid, glued-up Oak, face-to-face glued from three to four oak blanks. All glue joints are tight and smooth. The top of the leg is 2-7/8" square, radiused 1/4" on the vertical edges. The leg then transitions to a 2-1/2" diameter. A 5/8" W x 2-3/4" diameter ring is positioned 3/16" below squared portion of the leg and is radiused 3/8" to accent the transition from square to round. A second ring is positioned 2" from the bottom of the leg. Leg is slotted 4" from the top and 2-1/2" from the bottom with a 1/2" W slot. Slots receive a snap-on; Oak-veneer wrapped cover, which allows a one-inch opening at the top and bottom of the slot for cord exit. Wire management slot is located on a flat cut made on the backside of the leg. Slot accepts two 3/8" power cords or four data cables.

**Chancellor Traditional
CHR Series Table:
Wood Wire Management Leg**



General Specifications

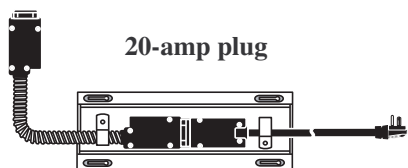
Brodart 20-amp electrical systems are listed under UL standard QAWZ for office furnishing systems. Included in this listing are electrical systems for tables, access furniture, and circulation desks as well as the furniture on which they are installed. Electrical systems listed under UL standard QAWZ have been tested with the furniture as a system and have been found to be in compliance with applicable UL standards for safety. UL has examined the electrical systems for proper configuration and installation techniques and has conducted flammability and stability tests on the furniture to reach this determination.

The Brodart power distribution system distributes power from the building's power supply to the furniture through the use of power-distribution channels which may be interconnected to allow multiple pieces of furniture to be served from one power source. The components of the system are as follows:

- A.) Power entry - Connects the building's power supply and feeds power to the furniture.
- B.) Power-distribution channel - Houses duplex electrical outlets to access power and serves as a wire-management channel.
- C.) J-channel - An optional wire management tray, which may house data jacks. This channel is necessary when additional storage is required or when data lines are run in addition to electrical cords.

POWER-ENTRY ASSEMBLIES

Single-circuit power-entry assembly consists of a wood chase that is fastened to the unit with modular fasteners, a PVC plastic liner that is fastened to the wood chase, and the power-entry cable which is fastened inside of the PVC liner. The power-entry cable has a 24" STO cord fitted with a 20-amp plug at the bottom of the assembly and a flexible metal conduit with a quick-connect coupling at the top. This power-entry assembly is used for single-circuit power distribution systems and provides access to circuit #1. The assembly can be plugged into any 20-amp outlet.



**Single-Circuit Power Entry
(Plug Type)**

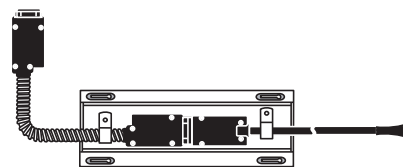
Multiple-circuit power-entry assembly is to be used if more than one circuit is required. The multiple-circuit power-entry assembly consists of a wood chase that is fastened to the unit with modular fasteners, a PVC plastic liner that is fastened to the wood chase, and the power-entry cable which is fastened inside the PVC liner. The bottom portion of the power-entry has a 72" long liquid-tight conduit. Inside the conduit is an eight-wire harness that is wired to four building circuits: three sharing a common ground and one dedicated with an isolated ground.

The top of the power entry consists of a flexible metal conduit and a quick-connect coupling. This power entry is required when more than one circuit or when an isolated circuit with a dedicated

ground is required. This assembly must be installed by a qualified licensed electrician. A multiple-circuit system is required under the following conditions:

- 1.) The length of the wiring served by the power entry exceeds 30 feet.
- 2.) The total amperage served by the power entry exceeds 20 amps.
- 3.) A dedicated computer circuit is required. The dedicated computer circuit on our system is circuit #4.

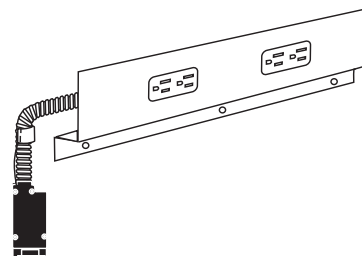
Note: One power-entry assembly is required for each building power source accessed.



**Multiple Circuit Power Entry
(Hardwire Type)**

PANEL-MOUNT, POWER-DISTRIBUTION CHANNEL

The panel-mount power-distribution channel is constructed of 20-gauge steel and is finished using a Black electrostatically applied epoxy powder paint. The channel is open at the top to allow excess wires to be stored behind the power blocks and the duplex receptacles. Front of the channel has cutouts so two duplex outlets can be mounted. The duplex outlets are rated 15-amps at the receptacle with 20-amp through power. The duplex outlets are connected to each other and the power entry by means of 3/4" flexible metal conduit, which has a quick-connect coupling. The cable consists of an eight-wire, four-circuit system with three standard utility circuits and one isolated circuit with a dedicated ground (computer circuit). If a channel is ordered with one duplex outlet, a plastic cover is provided to cover the unused hole. Units mount to back panels or table keels.

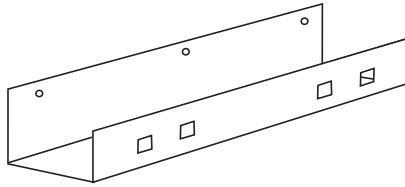


**Panel-Mount,
Power-Distribution Channel**

General Specifications

J-CHANNEL (optional)

J-Channel is constructed using 18-gauge steel and is finished using a Black electrostatically applied epoxy powder paint. The J-Channel attaches to the bottom of the power-distribution channel with the same screws that attach the power-distribution channels to the unit. The channel is 3-1/8" H and 4" D; the front lip of the channel is 2" H. The J-Channel provides additional wire-storage capacity or a data wire-management channel when data lines are required. J-Channel has four square holes that hold either communication or data jacks. Unit uses modular insert data jacks, which must be ordered separately.



J-Channel

TABLE POWER-DISTRIBUTION CHANNEL

Power-distribution channel for work-surface mounting is made of 20-gauge steel in a U-shaped configuration. Flanges are located at the top of the U with holes punched so the channel can be fastened to the bottom of the work surface. The side of the channel has holes punched for duplex outlet receptacles. The duplex outlet blocks are mounted to the underside of the work surface, and the metal channel snaps over the blocks and is then screwed to the work surface. The duplex outlets are rated 15 amps at the receptacle with 20-amp through power. The duplex outlets are connected to each other and to the power entry by a 3/4" flexible metal conduit which houses an eight-wire, four-circuit wire harness with quick-connect couplings on each end. The conduit is mechanically fastened to the duplex outlet blocks. If power-distribution channels are ordered with one duplex outlet, plastic hole covers are provided to cover the unused holes.

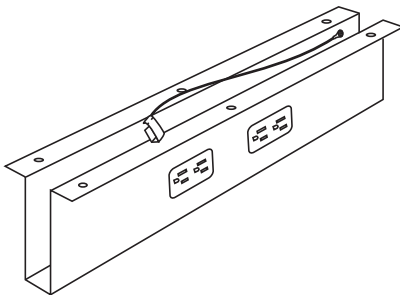
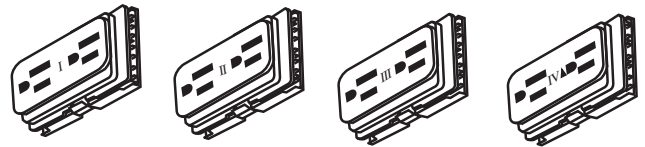


Table Power-Distribution Channel

DUPLEX OUTLET RECEPTACLES

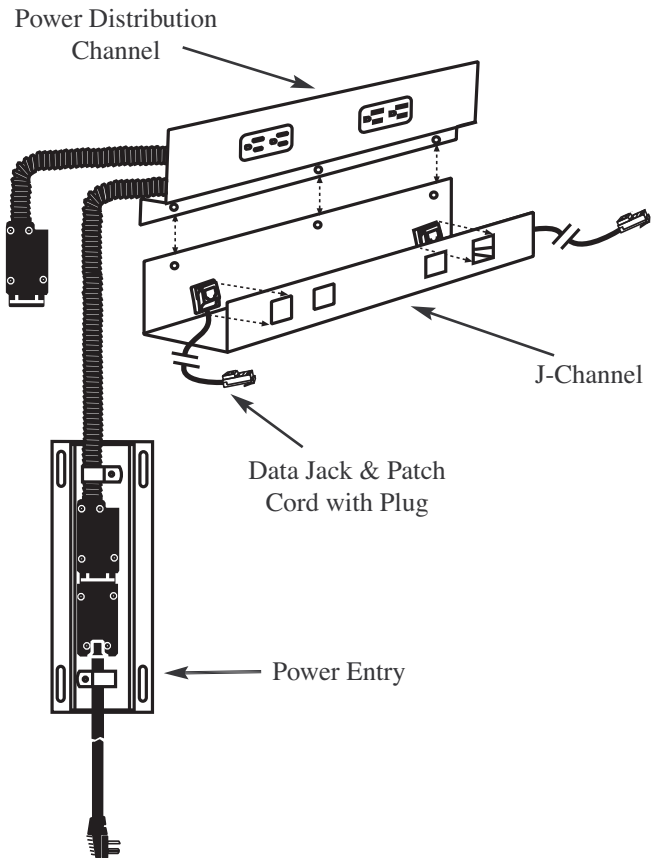
Multiple-Circuit System

Duplex outlets can be ordered to access any of the four circuits available in the power-distribution channel. You must specify the number of the circuit to be accessed for each duplex outlet ordered. Outlet four accesses the isolated circuit with the dedicated ground. If circuit numbers are not specified, your power-distribution channels are shipped with circuit one duplex outlet receptacles. Duplex outlets are easily interchanged within the power-distribution assembly by pushing the duplex receptacle sideways and then pulling it out.

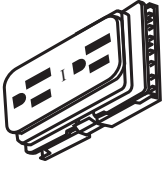
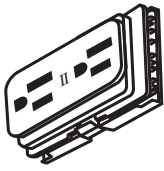
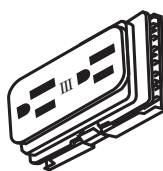
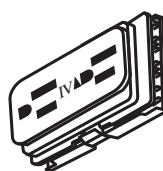


I II III IV

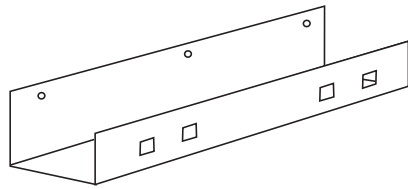
Duplex Outlet Receptacles



**Panel Wire-Manager
Assembly for Data and Power**

| | Catalog No. | Description | |
|--|-------------|---|----|
| Duplex Outlet Receptacles | | | |
| When ordering duplex receptacles for circuits I, II, III or IV, the following catalog numbers should be specified. | | | |
|  | X3-001-S00 | Duplex receptacle Circuit I | |
|  | X3-002-S00 | Duplex receptacle Circuit II | |
|  | X3-003-S00 | Duplex receptacle Circuit III | |
|  | X3-004-S00 | Duplex receptacle Circuit IV (Isolated Circuit) | |
| I | II | III | IV |

J-Channel Wire Manager (for Panel Mounting)



| | |
|------------|--|
| XJ-460-S00 | 44" W panel-mount J-Channel Use with X3-460-S00 & X3-460-S02 |
| XJ-695-S00 | 22" W panel-mount J-Channel Use with X3-050-S00, X3-050-S02, X3-052-S00, X3-052-S00, & X3-052-S02 |
| XJ-012-S00 | 30" W panel-mount J-Channel Use with X3-012-S00, X3-012-S02, X3-040-S00, & X3-040-S02 |
| XJ-673-S00 | 32" W panel-mount J-Channel Use with X3-673-S00, X3-673-S02 |
| XJ-047-S00 | 37" W panel-mount J-Channel Use with X3-047-S00 & X3-047-S02 |
| XJ-678-S00 | 26" W panel-mount J-Channel Use with X3-678-S00, X3-678-S02 |

Note: Unit accepts modular insert data jacks.

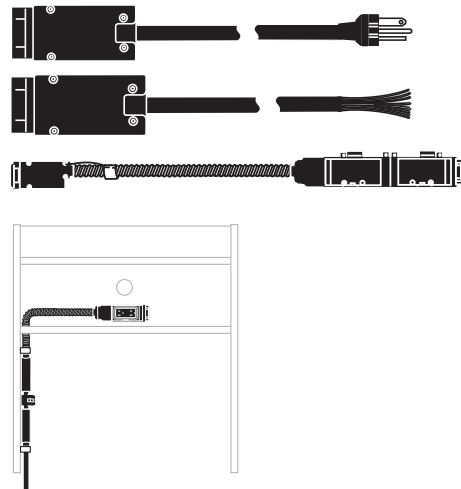
Data and Communication Terminal and Jacks



| | |
|----------------------------------|---|
| X3-005-S00 | RJ11 Telephone Jack |
| Modular Insert Data Jacks | |
| X3-007-S00 | RJ45 Category Five Data Jack |
| X3-007-S02 | RJ45 Category Five Data Jack with 9' Patch Cord and RJ45 plug. |
| X3-007-S03 | RJ45 Category Five Data Jack with 12' Patch Cord and RJ45 plug. |

Note: Data jacks are wired for TIA/EIA T568A.

Electrical Components for LTS Furniture



| | |
|------------|---|
| X3-200-S00 | Power Entries for LTS Cord and Plug (Single Circuit) |
| X2-300-S02 | Hardwired (Multiple Circuit) |
| X3-354-S00 | Power Distribution Channels for LTS One Duplex Receptacle For 36" Wide Unit. |
| X3-454-S00 | For 48" Wide Unit. |
| X3-554-S00 | For Corner Unit. |
| X3-318-S00 | 45° Closed Corner Bypass Management |
| X3-332-S00 | ADA Unit Bypass Management |
| X3-032-S02 | ADA Unit Power Distribution, 1-Duplex |
| X3-032-S00 | ADA Unit Power Distribution, 2-Duplex |

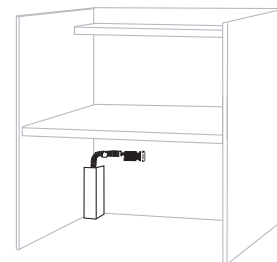
20-Amp Accessories - Modular Carrels/ Information Access Stations

Electrical Accessories

| Catalog No. | Description |
|-------------|---|
| | To be used with 88, 62, 66, 6R, CH, 57, DF, 4M, 2M, 4W and 2W, All Series |

Power Entries, Panel-Based Carrels and OPAC Stations, All Series

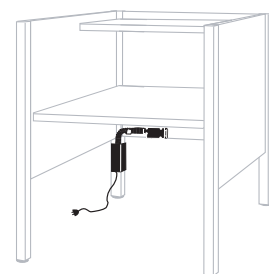
| | |
|------------|---|
| X3-100-S00 | Cord and Plug (Single Circuit) |
| X3-100-S02 | Hardwired (Multiple Circuit) |
| | Note: Grommets must be ordered separately. |



To be used with 64 & 94 Series Carrels and OPAC/Printer Stations

Power Entries, Panel & Post Carrels & OPAC/Printer Stations

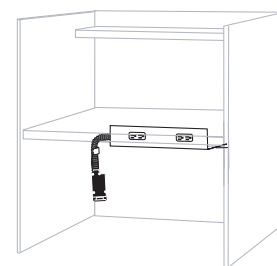
| | |
|------------|---|
| X3-101-S00 | Cord and plug (Single circuit) |
| X3-101-S02 | Hardwired (Multiple circuit) |
| | Note: Grommets must be ordered separately. |



| Catalog No. | Catalog No. | Description |
|-----------------------|------------------------|-------------------|
| One Duplex Receptacle | Two Duplex Receptacles | |
| X3-678-S02 | X3-678-S00 | For 30" W carrels |
| X3-673-S02 | X3-673-S00 | For 36" W carrels |
| X3-460-S02 | X3-460-S00 | For 48" W carrels |

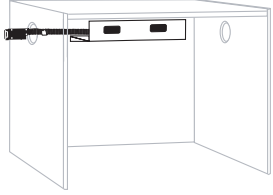
Power-Distribution Channels, Carrels, All Series

Note: Grommets must be ordered separately.
Note: See page 22 for data and electrical accessories.



Electrical Accessories 20-Amp Accessories - Circulation Desks

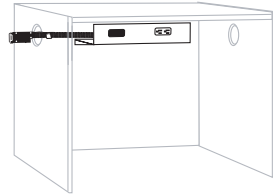
Bypass Power Distribution, Circulation Desks



| Catalog No. | Description |
|-------------|--|
| X3-312-S00 | All single-wide desks (except __044). 34" to 36" W units |
| X3-344-S00 | Recessed monitor desk __044. 34" to 36" W units |
| X3-311-S00 | All double-wide desks. 69" to 71" W units |
| X3-317-S00 | Multipurpose corner __017, __010 |
| X3-316-S00 | 90° closed corner __016, __018, __055, __058 |
| X3-352-S00 | 45° curved corner __052, __053 |
| X3-350-S00 | 60° curved corner __050, __051 |
| X3-340-S00 | 90° curved corner __040, __041 |
| X3-347-S00 | 60° Nu-Curve Desk __047, __048 |

Note: This assembly is for units that do not require electrical access but need to have power passed through to the adjoining units. Unit does not include any duplex outlets.

Power-Distribution Channels, Circulation Desks, All Series



| Catalog No. | Catalog No. | Description |
|-----------------------|------------------------|--|
| One Duplex Receptacle | Two Duplex Receptacles | |
| X3-012-S02 | X3-012-S00 | All single-wide units (except __044). 34" to 36" W units |
| X3-044-S02 | X3-044-S00 | Recessed monitor desk __044. 34" to 36" W units |
| N/A | X3-011-S00 | All double-wide units. 69" to 71" W units |
| X3-017-S02 | X3-017-S00 | Multipurpose corner desk __017, __010 |
| X3-052-S02 | X3-052-S00 | 45° curved corner __052, __053 |
| X3-050-S02 | X3-050-S00 | 60° curved corner __050, __051 |
| X3-040-S02 | X3-040-S00 | 90° curved corner __040, __041 |
| N/A | X3-047-S00 | 60° Nu-Curve Desk __047, __048 |

Note: See page 22 for data and electrical accessories.

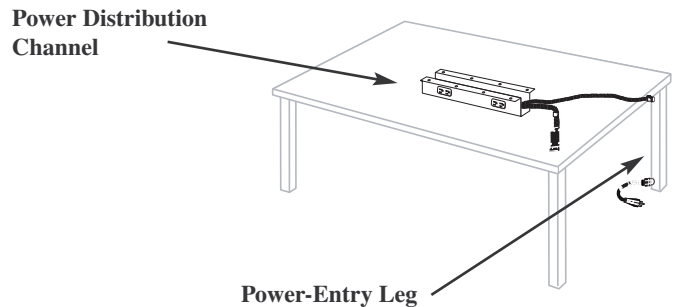
20-Amp Accessories - Leg-Based Tables & Leg-Based Information Access Tables

Electrical Accessories

General Specifications

POWER-ENTRY LEGS

The following power-entry legs are to be used with leg-base tables and computer-access stations. Power-entry legs are available in single circuit only. Power-entry legs are finished to match the other legs on the table. Power-entry legs must be ordered with distribution channels to complete the system.



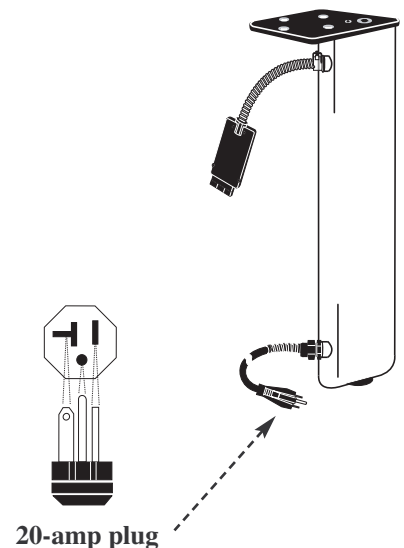
| Catalog No. | Description |
|-------------|--|
| | Wood-Veneer Wrapped Leg Power-entry legs for tables having wood legs are veneer wrapped and finished to match the other legs on the table. |
| X1-4W8-S00 | Leg for Leg Plate Style Table Power-Entry Leg for 29" H table |
| X1-4W8-S02 | Power-Entry Leg for 27-1/2" H table |
| X1-4W8-S03 | Power-Entry Leg for 25" H table |
| X1-4W8-S04 | Power-Entry Leg for 32" H wheelchair access table |

| | |
|--|---|
| | Painted Metal Leg Power-entry legs for tables having metal legs are painted in the same color as the other legs on the table. |
|--|---|

| | |
|------------|---|
| | Leg for Leg Plate Style Table |
| X1-4M8-S00 | Power-Entry Leg for 29" H table |
| X1-4M8-S02 | Power-Entry Leg for 27-1/2" H table |
| X1-4M8-S03 | Power-Entry Leg for 25" H table |
| X1-4M8-S04 | Power-Entry Leg for 32" H wheelchair access table |

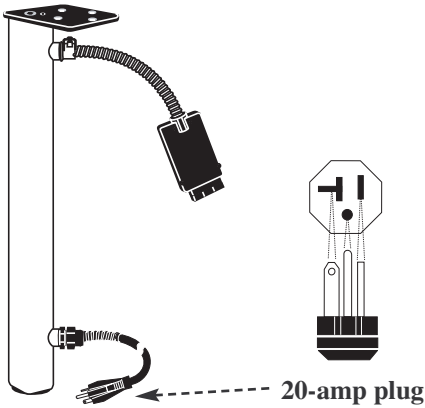
Leg is extruded aluminum in a tapered, oval shape, 2-3/4" W with a 3/4" radius on the front edge and a 5/8" radius on the back edge. The wall thickness of the leg is a minimum of 1/8". The leg has a two-foot SJT cord fitted with a 20-amp plug at the base and a 16" flexible armored cable with quick-connect coupling at the top.

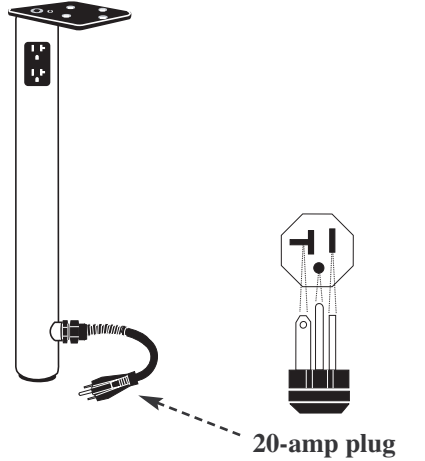
Libris and Magnus
2M, 2W, 4M, 4W Series:
Power-Entry Leg

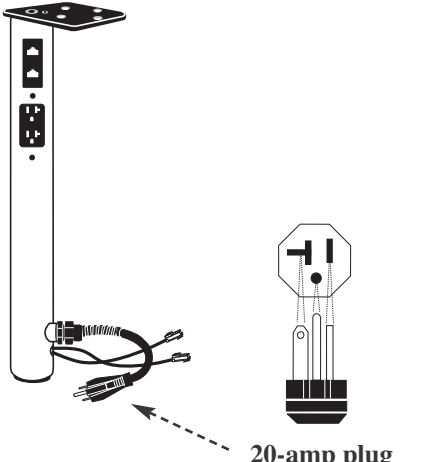


20-Amp Accessories - Leg-Based Tables

Electrical Accessories & Leg-Based Information Access Tables

| | Catalog No. | Description | |
|--|-------------|--|---|
|  <p>Quorum 94 Series: Power-Entry Leg</p> | X1-947-S00 | 94 Series Leg for Leg Plate Style Table for 29" H table, single circuit | |
| | X1-947-S02 | for 27-1/2" H table, single circuit | |
| | X1-947-S03 | for 25" H table, single circuit | |
| | X1-947-S04 | for 32" H table, single circuit | |
| | X1-948-S00 | 94 Series Leg for Apron Style Table for 29" H table, single circuit | |
| | X1-948-S05 | for 39" H table, single circuit | |
| | | | Leg is 2-1/4" sq., 1/8" thick wall, aluminum extrusion with 3/4" radius on the outside corners. Leg is Oak veneer, wrapped and finished to match the wood legs on the table. The leg has a two-foot SJT cord fitted with a 20-amp plug at the base and a 16" flexible armored cable with quick-connect coupling at the top. |

| | | | |
|--|------------|--|--|
|  <p>Quorum 94 Series: Table Power Outlet Leg</p> | X1-943-S00 | Leg for Leg Plate Style Table For 29" H table | |
| | X1-943-S02 | For 27-1/2" H table | |
| | X1-943-S03 | For 25" H table | |
| | X1-943-S04 | For 32" H table | |
| | X1-944-S00 | Leg for Apron Style Table For 29" H table | |
| | X1-944-S04 | For 32" H table | |
| | X1-944-S05 | For 39" H table | |
| | | | Leg is 2-1/4" sq., 1/8" thick wall, aluminum extrusion with 3/4" radius on the outside corners. Leg is Oak veneer, wrapped to match other legs on the table. The leg has two receptacles for power outlet and a two-foot SJT cord. A Hi-Pot Test of insulation and connections of 1,200 volts is given each leg. Leg is wired for 20 amps. T-slot duplex receptacle provided for either 15- or 20-amp plugs. Leg may have multiple outlet strips plugged in, one in each outlet. |
| | | | Note: Grommets and J-Channels must be ordered separately |

| | | | |
|---|------------|--|--|
|  <p>Quorum 94 Series Table: Power- and Data-Outlet Leg, 20-amp</p> | X2-943-S00 | Leg for Leg Plate Style Table For 29" H table | |
| | X2-943-S02 | For 27-1/2" H table | |
| | X2-943-S03 | For 25" H table | |
| | X2-943-S04 | For 32" H table | |
| | X2-944-S00 | Leg for Apron Style Table For 29" H apron table | |
| | X2-944-S04 | For 32" H apron table | |
| | X2-944-S05 | For 39" H apron table | |
| | | | Leg is 2-1/4" sq., 1/8" thick wall, aluminum extrusion with 3/4" radius on the outside corners. Leg is Oak veneer, wrapped to match other legs on the table. The leg has two receptacles for power and two, category 5, RJ45 data jacks with nine-foot patch cords and a two-foot SJT power cord. A Hi-Pot Test of insulation and connections of 1,200 volts is given to each leg. Leg is wired for 20 amps. T-slot duplex receptacle provided for either 15- or 20-amp plugs. |
| | | | Note: Grommets and J-Channels must be ordered separately. |

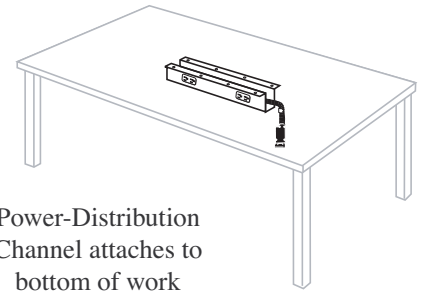
20-Amp Accessories - Leg-Based Tables & Leg-Based Information Access Tables

Electrical Accessories

| Catalog No. | Catalog No. | Description |
|--------------------------------------|---------------------------------------|--------------------|
| One Duplex Receptacle XL-665-S02 | Two Duplex Receptacles N/A | 30" W work surface |
| XL-666-S02 | XL-666-S00 | 36" W work surface |
| XL-667-S02 | XL-667-S00 | 48" W work surface |
| Two Duplex Receptacles XL-669-S02 | Four Duplex Receptacles XL-669-S00 | 60" W work surface |
| XL-662-S02 | XL-662-S00 | 72" W work surface |

Note: Grommets must be ordered separately.

Power-Distribution Channels, Leg-Based Tables



Power-Distribution Channel attaches to bottom of work surface.

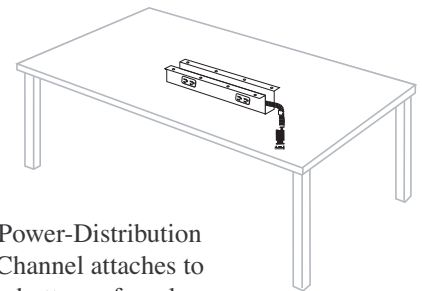
(Duplex outlets on one side of Power-Distribution Channel only)

| | | |
|--|---|--------------------|
| Two Duplex Receptacles Each Side XL-119-S00 | Four Duplex Receptacles Each Side XL-119-S02 | 72" W work surface |
|--|---|--------------------|

Note: Grommets must be ordered separately.

Note: See page 22 for data and electrical accessories.

Power-Distribution Channels with Duplex Outlets on Both Sides, Leg-Based Tables



Power-Distribution Channel attaches to bottom of work surface.

(Duplex outlets on both sides of Power-Distribution Channel)