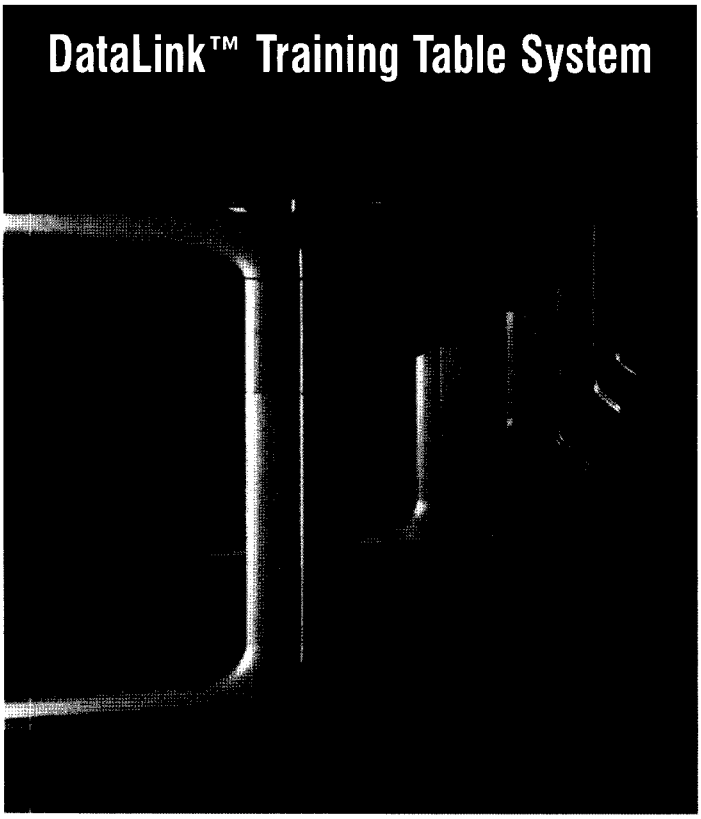
Planning Guide

DataLink™ Training Table System



Introduction

DataLink™ is a table system which easily accommodates the power and data requirements of training environments. The DataLink Table is equally adept at creating an environment whose structure is fixed or requires flexibility. You may select either fixed leg tables (for a stable environment) or folding leg tables (for a flexible, changing environment). In either case, the contemporary look of the DataLink Table will create a setting which enhances the learning experience.

The DataLink worksurface is available in several rectangular sizes. Worksurfaces are offered in depths of 24" and 30", widths of 42", 48", 60" and 72", and heights of 27", 29" and 32". Wedges are also available to create curved configurations.

Power and data can be brought to a series of tables via the dual-channel wireway in the leg, which is standard on every DataLink table. The wireway is easily accessed by opening a "door" molded into the leg. The wireway provides unimpeded access to the horizontal wire trough assembly, which is fronted by a gently radiused, elegant wire manager door. Within the two-channel trough, power is distributed in the upper section by an optional 8-wire/4-circuit system containing up to two duplex receptacles. The lower section provides space for data or communication cords. The steel plate separating power from data cords contains "punch-outs" or ports, which accept various data or communication jacks provided by the customer.

"Laid-in" power cords and "laid-in" data/communications wires are a defining characteristic of the DataLink Table. "Laid-in" wiring makes the DataLink Table "user-friendly". Beginning at the point of power or data entry – the leg – all cords and wires are "laid-in" throughout the DataLink system. Threading of cords or wires is not required.

Power is brought to the table series through an 8-wire/4-circuit hardwire connection. Power is transferred from one table to the next via table-to-table 8-wire/4-circuit connectors (jumpers). The jumpers are "laid-in"; they are not routed through any grommet or opening.

The DataLink Table is UL Listed. The DataLink Table is also offered in a non-powered version.

To access power or data/communications from the worksurface, there are several options. Choosing the option that is most convenient for you – the user – is what the DataLink Table is all about.

Tables must be physically connected when power is transferred from table to table. To provide a quick, easy-to-use ganging system, the DataLink Table employs two large, simple to operate plastic fasteners. The fasteners readily connect to the adjoining table. When not in use, the gangers are self-storing under the worksurface to prevent components from being misplaced.

The DataLink Table was designed such that all component parts are integral to the table. This provides a sleek, seamless appearance and also reduces the problems associated with loose or missing parts.

Since the DataLink Table is a true integral design, the wire trough assembly easily folds with the legs of the table. The 8-wire/4-circuit power distribution unit remains in the folded wire trough assembly. The folding wire trough assembly enhances the table's ease of use and avoids loose components.

With its avoidance of loose components and its exclusive use of "laid-in" wiring, the DataLink Table is quickly and easily reconfigurable. Since the wiring is not threaded at any point, cords are easily removed from a series of tables. With the jumpers disconnected, the tables can be quickly folded – with the wire trough assembly in tact – and reconfigured, transported or stored.

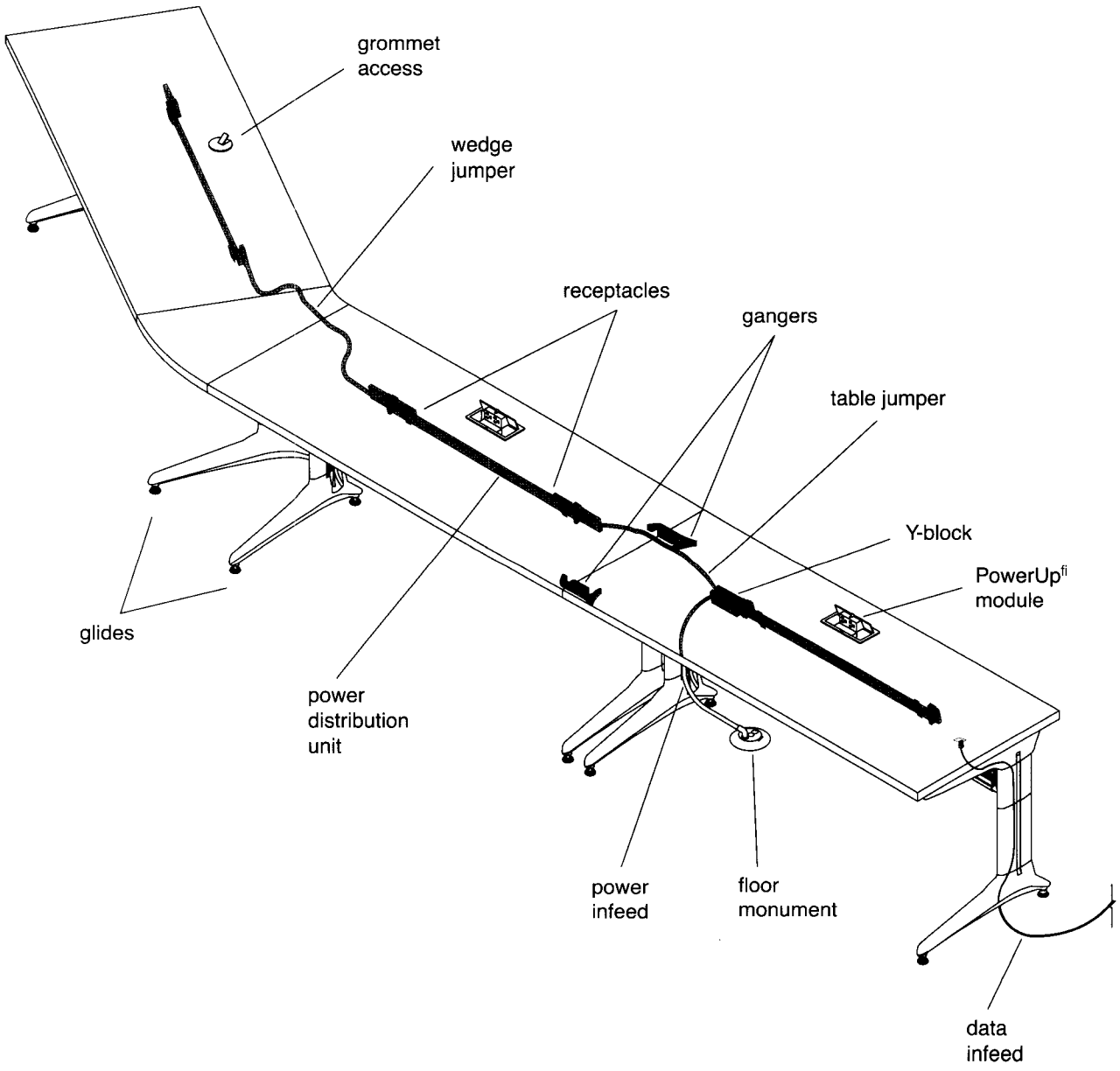
To provide for a range of specific user requirements, the DataLink Table offers numerous accessories. DataLink accessories include:

CPU Holder (adjustable with covers)
Keyboard Tray with Mousepad
Security Kit
Casters
Table Truck
VersaCable® System (a modular data connection)

A variety of worksurface edges are available:

Postformed
Molded Urethane
3mm PVC
3/8" Wood Band
Flat Vinyl

Table of Contents

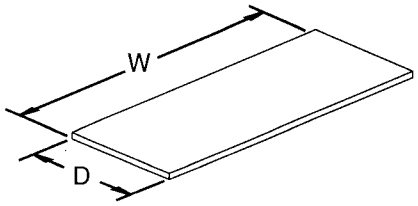


Worksurface Planning

DATALINK TABLES & WEDGES

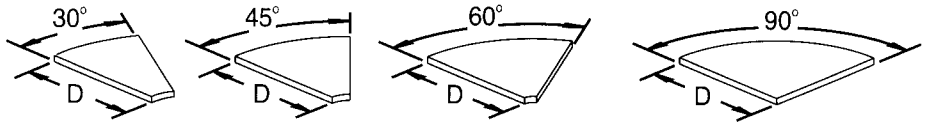
Worksurfaces are rectangular. They are available in two depths: 24" and 30".

Worksurfaces are available in four widths: 42", 48", 60", and 72". (42" is not available in the folding version.)

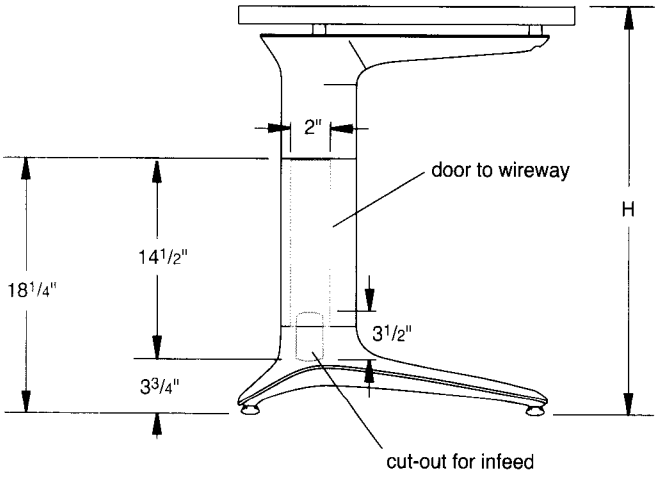


Worksurfaces may be arranged in radiused configurations by inserting wedges between tables. Wedges are available in two depths: 24" and 30".

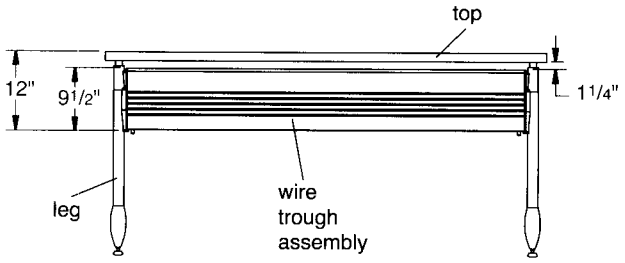
Wedges are available in four "angles": 30°, 45°, 60° and 90° .



All worksurfaces are available in three heights: 27", 29", and 32". (27" and 32" heights are not available on 48" wide folding tables.)



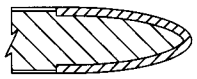
Wire Manager Door/Modesty Panel are standard on every DataLink table.



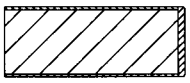
Worksurfaces and wedges are available only with laminate tops. (Veneer tops can be special ordered.) KI offers over 700 laminates, which your KI representative can review with you. For easy reference, 30 popular laminates are displayed in KI's "Fabrics and Finishes" Binder in Color Card 2.

Five edges are available on worksurfaces. The edges are:

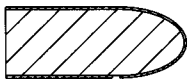
Molded urethane (2.25" W x 1.25" H)



Wood band edge (.375" W x 1.25" H)

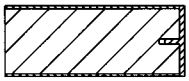


Elliptical postformed laminate (1.25" H)



3mm PVC (.118" W x 1.25" H)

Flat vinyl T-mold (.09" W x 1.25" H)



The elliptical postformed laminate is edged only on the seated side of the worksurface. PVC tape is edged on the other three sides of the worksurface.

The molded urethane is edged only on the seated side of the worksurface. Flat urethane (.25" W x 1.25" H) is edged on the other three sides of the worksurface.

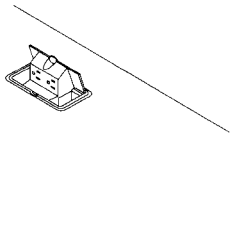
The 3mm PVC, flat vinyl T-mold, and wood band edge are each edged on all four worksurface sides.

Wedges are not available in all five edge styles. Wedges are only available in molded urethane, 3mm PVC and wood band edge.

Worksurface Planning

WORKSURFACES WITH POWERUP®

PowerUp is a power and data module, which is mounted in the worksurface. It provides convenient worksurface access to power and data.



The PowerUp module has a flip-up cover that locks in place for access to a 110-volt duplex receptacle and two AT&T brand, type "M" ports (data or communication jacks are supplied by the customer). When not in use, the module cover folds flush with the worksurface.

The PowerUp module is available with one of two cords, either two foot or nine foot. The two foot cord is selected by the factory when the PowerUp module is used in conjunction with an 8-wire/4-circuit power distribution unit. The module is plugged into the power distribution unit. The nine foot cord is selected by the factory when the table is not powered, and the PowerUp module is plugged directly into a building power source such as a floor monument or wall outlet.

The location of the PowerUp module(s) is specified by the customer when ordering. The customer may specify one module in the far left-hand corner as viewed from the seated position ("L"), one module in the far right-hand corner ("R"), one module in the far center position ("C"), or two modules located in the far left- and right-hand corners ("B"). (The far center option ("C") is only available on fixed leg tables; it is not available on folding leg tables). See Figure 1.

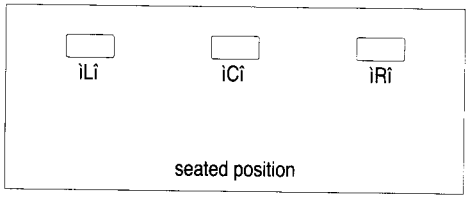


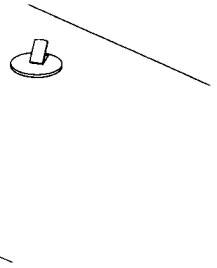
Figure 1

Modules are offered in four colors: black, warm gray, blue gray, and sand. PowerUp modules are not offered on wedges.

The PowerUp centerpoint is approximately 5" from the rear edge of the worksurface, and approximately 10½" from the edges ("L" and "R").

WORKSURFACES WITH GROMMETS

DataLink is available with grommets to provide cord access to power and data in the wire trough assembly.



The location of the grommet(s) is specified by the customer when ordering. The customer may specify one module in the far left-hand corner as viewed from the seated position ("L"), one module in the far right-hand corner ("R"), one module in the far center position ("C"), or two modules located in the far left- and right-hand corners ("B"). (The far center option ("C") is only available on fixed leg tables; it is not available on folding leg tables.)

Grommets are offered in four colors: black, warm gray, blue gray, and sand. Grommets are not offered on wedges.

The grommet centerpoint is approximately 5" from the rear edge of the worksurface, and approximately 9" from the edges ("L" and "R").

DETERMINING REQUIRED POWER INFEEDS

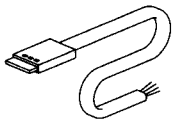
The first step in electrical planning is to identify the different row configurations in the space. You may want to color code those rows that are identical in configuration. The next step is to determine the number of power infeeds and jumpers required for each distinct configuration. First, let's discuss infeeds.

8-Wire Power Infeeds

You need to determine how many DataLink tables you can configure in a series with a single 8-wire/4-circuit power infeed. An 8-wire/4-circuit power infeed must be hard-wired to the building power source by an electrician.

DataLink offers two infeeds: the standard 8-wire/4-circuit infeed and the New York infeed, which meets New York electrical code.

DataLink can also be configured to comply with the Chicago electrical code. All wiring and piping for Chicago is supplied by the customer.



8-Wire Infeed

An inline series of tables are tables that are configured end-to-end. See Figure 1. Your building power source for a series of tables may be located in the floor or on an adjacent wall.

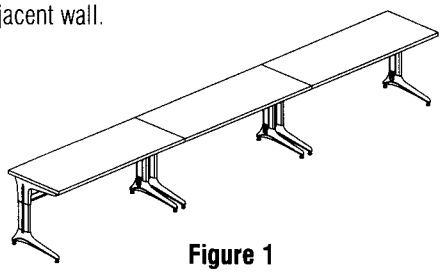
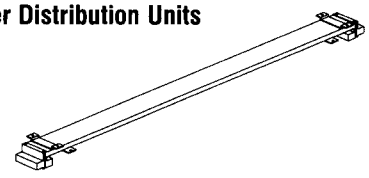


Figure 1

If you determine that you would like a longer series of tables than can be powered by a single power infeed, then you will have to determine if you can access more than one building power source for that series.

Power Distribution Units



Every DataLink table in a powered series requires a power distribution unit (or rigid wireway). That distribution unit is installed in the wire trough assembly of the table before it leaves the factory. It is not a separate component.

Each power distribution unit can accept two duplex receptacles. Receptacles are ordered separately.

How do you determine the number of tables a single power infeed can power?

FIRST, you must know what hardware will be placed on the series of tables. Each piece of hardware, whether it is a computer, monitor, printer, or server, draws a given amount of electrical power. The amount of electrical power it draws is called the amperage rating. To determine the amps of a given hardware unit, look at the manufacturer's nameplate on the unit or consult the owner's manual.

SECOND, add the amps of each hardware unit in the table series to calculate total amps in the series.

THIRD, divide the total amps by 15. You are dividing by 15 to calculate the number of circuits required to power the hardware on that series of tables. Like most other powered tables, DataLink uses an 8-wire/4-circuit electrical distribution unit within each table. Each of the four circuits in each table is rated at 20 amps. However, the National Electrical Code (NEC) indicates that hardware operating under a continuous load - three or more hours of constant use - should not utilize more than 15 amps per circuit (that is why you divide by 15).

FOURTH, the number you calculated above will probably be a fraction, so round up to the nearest whole number.

FIFTH, if that number is four or less, the series of tables will only require one power infeed. See Figure 2. If that number is greater than four, that series of tables will require two power infeeds. In that instance, you need to determine if you can access a second building power source. If not, then you must decrease the amount of hardware per table, or decrease the number of tables in the series.

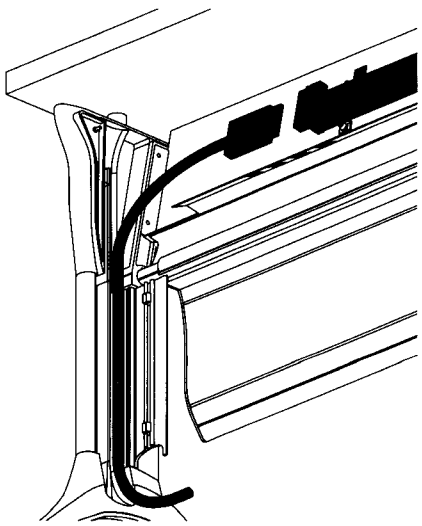


Figure 2

Electrical & Data Planning

DETERMINING REQUIRED POWER INFEEDS (continued)

If the building access for a power infeed is located in the middle of a series of tables, you can add a "Y-Block" to one of the power distribution units. One end of the "Y-Block" connects to the power distribution unit. The other end has two ports (the "Y"). One port connects to the 8-wire infeed; the other, to the table-to-table jumper.

Y-Block

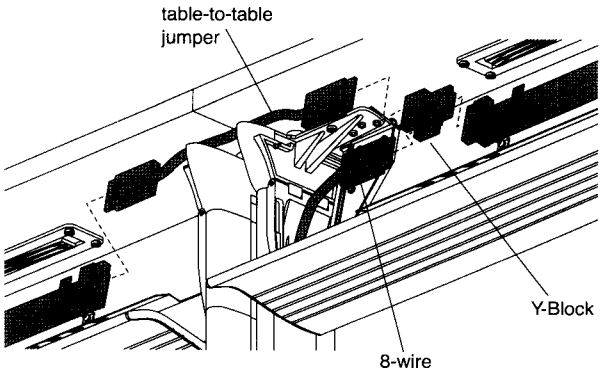


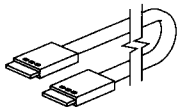
Figure 3

This will allow you to route power from the middle of the table series in both directions. See Figure 3.

You have now determined the number of power infeeds required for a given configuration of tables. The next step is to follow the procedure above with all other table configurations in the room.

DETERMINING REQUIRED JUMPERS

Worksurface-to-Worksurface 8-Wire Connector (Jumper)



The worksurface-to-worksurface 8-wire connector, or jumper, transfers power from one table to the next. Thus, each table in a powered series must have a jumper connection. See Figure 4.

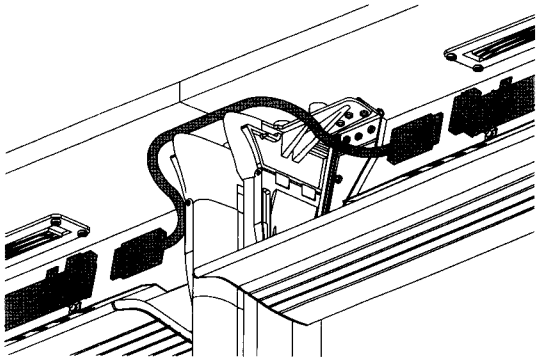


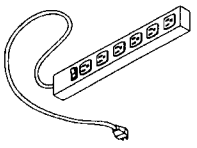
Figure 4

To determine how many jumpers are required per series, count the total number of rectangular tables. Subtract one from that number. The resulting number is the number of jumpers required for that series of tables.

Note: Jumpers connected beneath wedges are different from jumpers between rectangular tables and are not interchangeable. The price list identifies each separately.

When transferring power from one table to the next, the tables must be physically connected. Thus, the ganging option must be specified for DataLink whenever jumpers are ordered. Ganging is discussed on page 8.

Powerstrip



If there are numerous floor monuments in the given room, you may wish to consider powering each table separately. That is, each table would have its own building power source.

In this instance, you may lay a powerstrip in the wire trough assembly and plug the powerstrip into a floor monument. Each powerstrip has six outlets.

POWER & DATA ACCESS

There are several options when accessing power or data/communications from the worksurface. Depending on your configuration, one of these options will be the best choice.

Please note: If you install data/communications, DataLink has eight "punch-outs" or ports in the trough. The eight ports accommodate four sizes of jacks. Data jacks are supplied by the customer.

The first option in accessing power or data/communications is to lay the cords over the edge of the table and plug into the receptacles or data jacks in the trough. Since the trough is near the table edge, cords are easily routed from the tabletop into the trough with minimal cord "looping". See Figure 5. When accessing the receptacles or data jacks in this way, it is simple to store any excess cords on the tabletop by merely placing them in the trough.

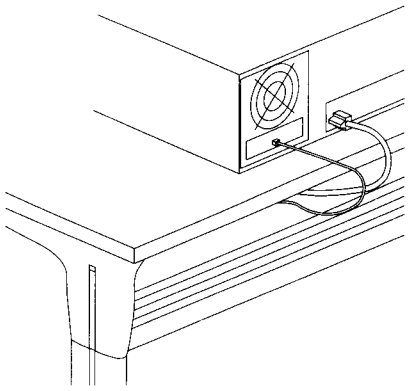


Figure 5

This first option provides a clean worksurface – no cut-outs – in addition to an easy way to manage excess cords.

The second option to access power or data jacks is via KI's exclusive PowerUp module.

PowerUp provides convenient worksurface access to power and data. When not in use, the PowerUp module folds flush with the worksurface to provide a clean, orderly appearance. When in use, the module provides quick access to two data ports and one duplex receptacle per PowerUp module. See Figure 6.

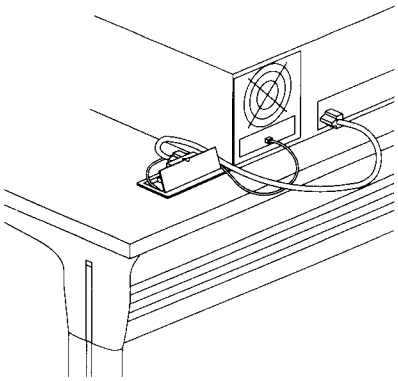


Figure 6

One or two PowerUp modules may be specified per worksurface. There are four options for positioning the PowerUp module: left, right, left and right, and center (fixed table version only for center).

The third option to accessing power or data ports is through grommets in the worksurface. See Figure 7.

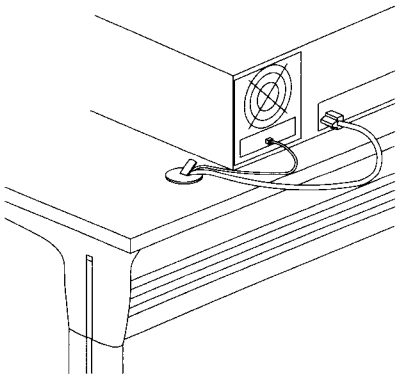


Figure 7

One or two grommets may be specified per worksurface. There are four options for positioning grommets: left, right, left and right, and center (center grommet is only available on fixed table versions).

Accessories Planning

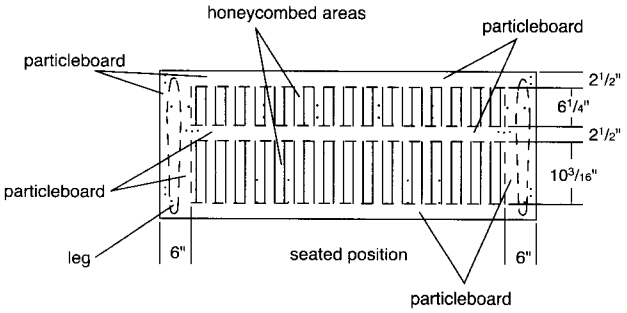
Under Table Clearance

The following illustrations and charts specify the exact under table clearance for placement of accessories such as sliding keyboard tray and CPU holder.

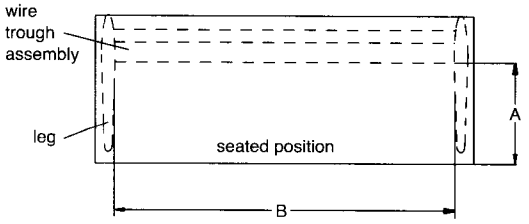
CAUTION: All DataLink folding tables have honeycomb plus particleboard construction. The honeycombed area of the top (see Drawing "A") has limited screw retention strength. Thus, it is necessary that the majority of accessory screws are seated in particleboard and NOT honeycomb.

Please use "Drawing B" to aid in locating your accessories and drilling into the worksurface. "Drawing B" indicates under table clearance for folding and fixed tables.

Drawing A
Folding Table Top



Drawing B
Under Table Clearance

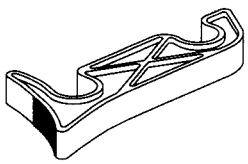


Folding Table Size	A	B
24" x 48"	15 3/8"	42 1/8"
30" x 48"	21 3/8"	42 1/8"
24" x 60"	15 3/8"	54 1/8"
30" x 60"	21 3/8"	54 1/8"
24" x 72"	15 3/8"	66 1/8"
30" x 72"	21 3/8"	66 1/8"

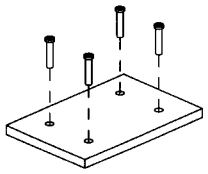
Fixed Table Size	A	B
24" x 42"	14 1/16"	36 1/8"
30" x 42"	20 1/16"	36 1/8"
24" x 48"	14 1/16"	42 1/8"
30" x 48"	20 1/16"	42 1/8"
24" x 60"	14 1/16"	54 1/8"
30" x 60"	20 1/16"	54 1/8"
24" x 72"	14 1/16"	66 1/8"
30" x 72"	20 1/16"	66 1/8"

Joining Tables

There are two means of physically joining tables together. A ganging option, which enables tables to be easily and quickly reconfigured (or stored), and a splice plate option for permanent joining of tables.



Ganger



Splice Plate

The splice plate option consists of two rectangular steel stampings, which are placed under the worksurface (one toward the seated side, the other away from the seated side). The plates are then screwed into the worksurface.

The ganging option consists of two injection-molded plastic components for a given worksurface.

The gangers are field installed. One end of the ganger snaps onto the boss protruding from the upper part of the leg, between the upper part of the leg and the underside of the worksurface. See Figure 1. The other end of the ganger snaps onto the boss on the adjacent table. See Figure 2. There are two bosses per table leg and each must be connected with a ganger.

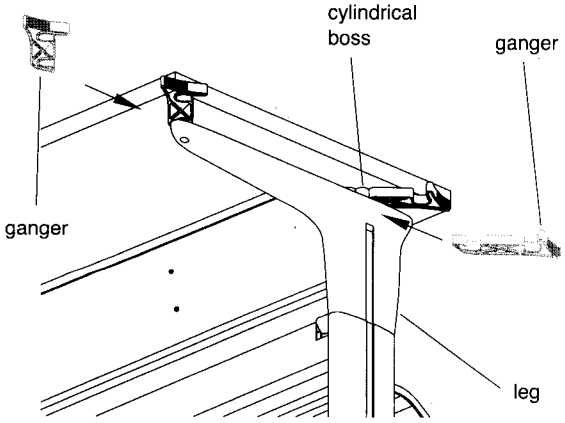


Figure 1

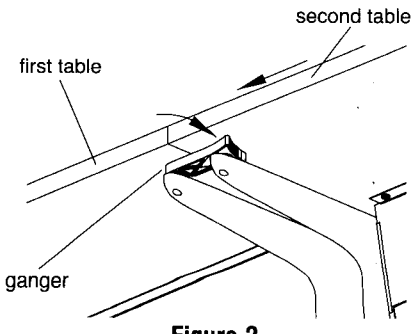
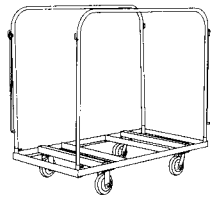


Figure 2

When the ganging component is not in use, it can be stored under the worksurface. This is done by rotating the free end of the ganger beneath the worksurface.

Table Truck



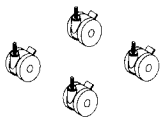
A table truck is available for transporting and storing folding tables and wedges.

The table truck can accommodate a maximum of four (4) tables.

The table truck is constructed to allow tables to be stored on the truck with a given worksurface laminate facing the adjacent worksurface laminate to prevent marring of the worksurface. (Tables should not be stored with worksurface laminate facing the adjacent table's folded legs as this can result in marring of the laminate.)

The table truck is constructed of a heavy gauge tubular steel platform. It has two uprights of 1" welded steel tubing, 48" long x 30" high. Casters are heavy duty 5" plate, two fixed, two full swivel.

Casters



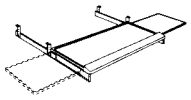
Casters are available on all DataLink tables. Caster diameter is 2 3/4".

The casters are available in black only and are locking.

Casters can be retrofitted.

Casters raise the height of the worksurface by 3".

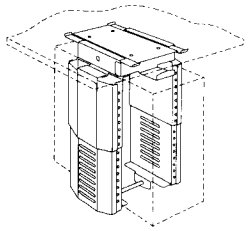
Sliding Keyboard Drawer with Mouse Tray



Sliding keyboard drawers are available on both 24" and 30" deep worksurfaces.

The keyboard drawer has a non-handed sliding mouse surface. The keyboard drawer has an anti-static pad and molded palm rest. It is offered in black only.

CPU Holder (Adjustable with Covers)



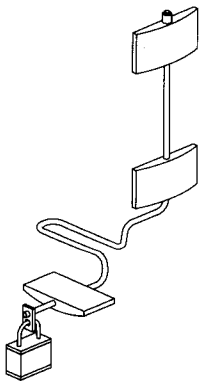
An adjustable CPU holder is available in black only. Adjustable covers of 16-gauge steel are included to enhance aesthetics.

The CPU holder will accommodate CPU's with the following dimensions: 11"- 21" vertical and 2"- 10.5" horizontal. The side panels of the CPU holder are adjustable to the preceding dimensions. The side panels are 16-gauge steel.

The slide mechanism has a 5" forward range of travel. The slide mechanism is constructed of 14-gauge steel.

Torx head mounting screws are supplied as a deterrent to tampering. (Torx drivers are included in the order.)

Security Kit



A security kit is available. It includes a 5' long 3/16" diameter steel cable vinyl coated to 1/4" diameter, 1 1/4" wide combination padlock with 1/4" diameter shank, three 2"x 4" aluminum security plates (sand powder-coated finish) and industrial grade liquid adhesive.

Specifications

DATALINK TABLES & WEDGES

Worksurfaces (Fixed & Folding)

Worksurface tops are 1 1/4" nominal overall thickness with .042" thick high-pressure laminate and .045" thick backer. Density is 45 lb./ft³, M3 grade.

Edge Style

There shall be 5 choices of edge styles available: 3mm PVC (3L); flat vinyl T-edge (BN); Urethane (ME); Post-formed (PL); and 3/8" Wood Band Edge (34S). The BN and PL edges are not available on wedge worksurfaces.

Folding Base Worksurfaces

Worksurfaces for the folding base tables shall have a lightweight honeycomb particleboard core. The lightweight construction is comprised of a 7/8" thick 45 lb./ft³ particleboard frame with a honeycomb insert in the center, all of which is sandwiched between two hard board outer skins (each .125" thick). PowerUp® Data Module or grommet locations will be available along the back edge of the worksurface away from the user in either the right- or left-hand corners or both locations. Two nylon carrying handles are built into the bottom of the worksurface along the front edge. The folded legs are held in place by two retractable nylon leg locks that are recessed into the bottom of the worksurface. The 48" short fold table has one leg lock and a velcro strap to hold the short fold leg.

Fixed Base Worksurfaces

Worksurfaces for the fixed base tables shall have a solid 45 lb./ft³ particleboard core construction. PowerUp Data Module or grommet locations will be available along the back edge of the worksurface away from the user in either the right- or left-hand corners, both corners or center.

Wedge Worksurfaces

Wedge worksurfaces shall have a solid particleboard core construction. PowerUp Data Module or grommet locations are not available. The wedge is supported between two tables by four 1 1/2" x 3/4" rectangular metal splice tubes. Four nylon gangers are also used to draw the wedge up to each table and keep the splice tubes from disengaging. The splice tubes shall be assembled to the wedge in the field.

Leg Assemblies (Fixed & Folding)

The leg assembly is made up of a 24" or 30" foot, leg upright with access door, and either a fixed or folding leg. The feet and the cantilevers are die cast aluminum and the leg and access door are extruded aluminum. The feet each have two nylon glides that attach to the foot via 5/16" diameter x 7/8" long threaded studs. The leg contains a 1" x 2 1/2" wireway that directs wires from the foot into the horizontal wire manager. The leg wireway is divided into two halves that keep data cables separate from electrical cables. The leg wireway also has an aluminum access door that hinges on two steel dowel pins and snaps shut via nylon snaps. The cantilever attaches the leg assembly to the worksurface via raised bosses that provide 3/4" of clearance between the cantilever and the bottom of the worksurface, allowing a space to pass cables from table to table. The raised bosses on the cantilever also serve as mounting studs for the nylon table gangers that hold tables/wedges together. Each table has one right leg and one left leg assembly. The leg assemblies are available in three standard heights: 27", 29" & 32" (ADA height). The leg assemblies are held together by two 1/4" diameter draw bolts that clamp the assembly together. The legs are available in 24 standard powder coat finishes, two hammertones, and three metallics.

Fixed Leg Assembly

Fixed leg tables ship KD.

Folding Leg Assembly

The folding leg assembly is only available on 60" and 72" wide tables. A short fold option (one leg folds over the top of the other) is available on the 48" wide table. The table unfolds by releasing the legs from the nylon leg locks and raising the legs. Once the legs are in a vertical position, snaps in the cantilever hold them upright. Next, the spring loaded catch located on each end of the wire trough assembly is released and the assembly is rotated out of its stored position and up between the legs until the catches snap into the receivers on the legs. At this point the table can be turned over and stood on its legs.

Folding leg tables ship assembled.

Wire Manager Door and Modesty Panel

The wire manager door and modesty panel run the full length of the table between the leg assemblies along the back edge of the table. The wire manager door is a hollow PVC extrusion with ABS end caps. The wire manager door is monochromatic with the leg if the leg is black, blue grey, sand or warm grey. All other leg colors will come with a black wire manager door. The wire manager door snaps onto the .88 diameter extruded aluminum cross tube across its entire length forming a pivoting joint. This allows the wire manager door to rotate open and shut. The modesty panel is made of 18-gauge sheet metal and attaches to the legs providing support to the table and a mounting surface for electrical components.

Specifications

ELECTRICAL & DATA / COMMUNICATIONS ACCESSORIES

Electrical
The DataLink Table shall provide a "lay-in" wire chase for electrical wires. Electrical wires can be laid into the leg and wire manager by opening convenient hinged access doors. Electrical wires can be routed to adjacent tables by laying them into the space between the cantilever and the worksurface at the back of the table.

8-Wire Infeed
The 8-wire infeed contains four lines (12-gauge), two neutrals (10-gauge) and two grounds (12-gauge) providing four circuits of power to the distribution harness.

Power Distribution Unit
The power distribution unit shall be mounted inside the wire trough assembly. Up to two duplex receptacles can be connected to each power distribution unit. The power distribution unit has identical connector blocks at either end for connection with the power infeed, jumpers or Y-block.

Receptacles
Receptacles are available for accessing the 8-wire/4-circuit electrical system. Three of the receptacles shall be black in color and shall access circuits 1, 2 or 3. These are convenience circuits and shall share a common neutral and ground wire. The fourth receptacle shall be a dedicated circuit with its own neutral and ground wire. It shall be orange for easy identification.

PowerUp Module
DataLink Tables are available with one or two PowerUp power/data modules.

PowerUp is a UL Listed, Relocatable Power Tap, which mounts flush into the table top. When flipped up, cover open, one duplex receptacle and two data ports are exposed.

The PowerUp module is 6 1/4" long by 3" wide by 2 1/2" high when opened. It is provided with a 3-conductor cord and is rated 120Vac, 15A. Powered tables are supplied with a 2 ft. cord; non-powered tables are supplied with a 9 ft. cord. The cover snaps into the upright position to allow appliance cords to be unplugged without the cover closing. The data ports are molded to accept AT&T "M" Series, RJ45 jacks. The module can be modified to accept various brand jacks.

Table/Wedge Jumpers
Jumpers contain the same wiring configuration as the infeed and power distribution unit. A jumper passes power from the power distribution unit in one table to the power distribution unit in an adjacent table. The wedge jumper is longer than the table jumper so that it can span across the wedge.

Powerstrip
The electrical strip shall be an optional source of power for non-powered tables and tables with casters. The electrical strip shall be a surge protected, six outlet, 110-volt, 15 amp power strip with a 6 foot cord plug.

Hard Wire
The hard wire version of the DataLink Table shall consist of a non-powered table in which standard electrical boxes, conduit wires and receptacles are field installed to the satisfaction of the local authority having jurisdiction.

Y-Block
The Y-Block enables power from the building to be routed in two directions. The unit plugs into the power distribution unit of the infeed table. The two ports at the other end of the unit accept the 8-wire infeed and the table-to-table jumper.

Data

The DataLink Table shall provide a "lay-in" wire chase for data cables. Data cables can be laid into the leg and wire manager by opening convenient hinged access doors. The terminated end of the data cable can be snapped into one of eight pre-punched cut outs in the sheet metal modesty panel. Data cables can be routed to adjacent tables by laying them into the space between the cantilever and the worksurface at the back of the table. Data jacks are provided by the customer.

VersaCable®

VersaCable allows each table to have its own reusable segment of data cable. The system begins with a 25 twisted pair cable infeed (VersaCable Starter) that is divided into (6) four pair RJ45 connections that plug into one of the building's six-plex data plates. The other end of the infeed is routed into the first table in the run where a connection is made inside the wire trough assembly with the first segment of data cable. Each connection has two "drop out" cable ports, where two 30" long drop out cables (VersaCable Patch Cable) can be connected. The drop out cables terminate with the female data jack that is then snapped into punched out holes in the sheet metal of the modesty panel. From there, the other end of the data cable is routed to the next table in line via a VersaCable Extender where another connection is made. This process repeats itself until all six of the four pair connections have been distributed. A VersaCable End Cap is attached to the end of the last VersaCable Extender.

Specifications

ELECTRICAL & DATA / COMMUNICATIONS ACCESSORIES

Circuit Wiring Details

The wiring configuration of the electrical 8-wire system is four conductors (12-gauge), two neutrals (10-gauge) and two grounds (12-gauge). This system provides four 20 amp, 125 volt capacity circuits. All receptacles are rated at 15 amp, 125 volt capacity.

The following are standard building power sources and the method of wiring to the 8-wire system.

NOTE: It is required by most state and local codes to have a licensed electrician connect the 8-wire system to the building power source.

8-Wire Power Infeed Installation to Building Connections

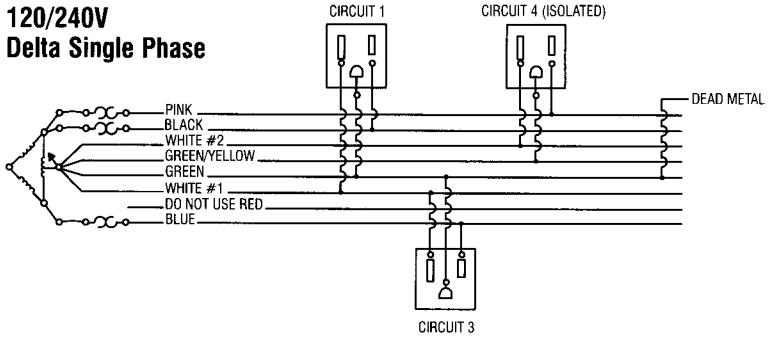
Have a certified electrician hard wire the power infeed to the building power source according to the National Electrical Code and any other applicable local codes. See the following chart for proper wiring connection to available power.

Receptacles Energized	Wires to be used
Receptacle 1	Black, White #1, Green
Receptacle 2	Red, White #1, Green
Receptacle 3	Blue, White #1, Green
Receptacle 4	Pink, White #2, Green/Yellow

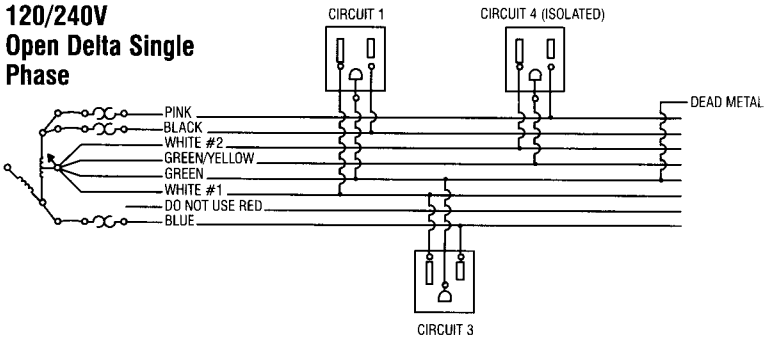
NOTE: White #1 has black lettering. White #2 has red lettering.

WARNING: Risk of Fire or Electrical Shock
Do not electrically connect a table to more than one supply source. Always determine that the table is electrically connected to one and only one source of supply.

120/240V Delta Single Phase



120/240V Open Delta Single Phase



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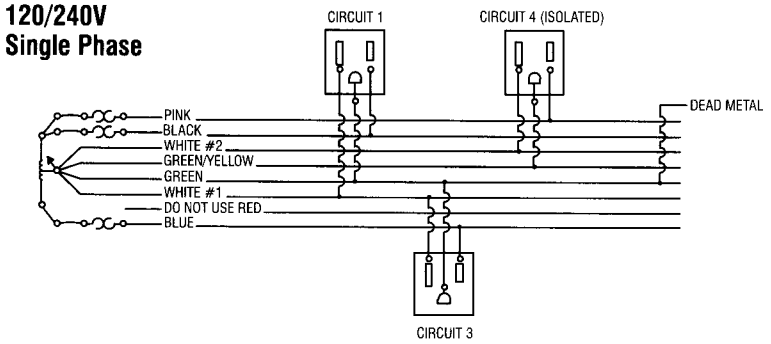
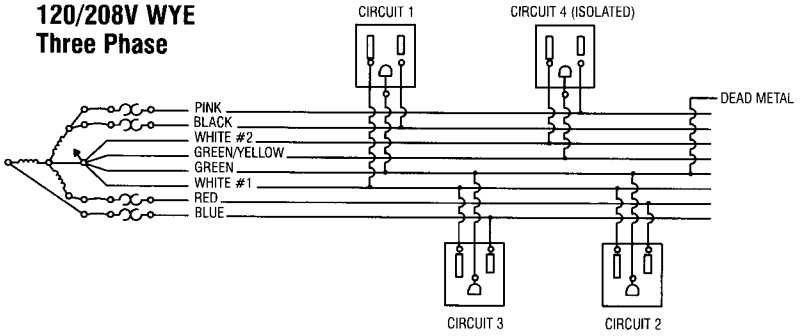


120/208V WYE Three Phase



Notes

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