

PRODUCT SPECIFICATIONS ■

DataLink® Training Table

January 2019

TECHNICAL SPECIFICATIONS

Fixed Worksurfaces

Worksurface tops are 1³/₈" nominal overall thickness with .030" thick high-pressure laminate and .030" thick backer. Density is 45 lb/ft³, M3 grade.

Edge Style

Five edge style choices are available: (74P); flat vinyl T-edge (BN); Urethane (ME); Post-formed (PL); and 3³/₈" Wood Band Edge (34S). The BN and PL edges are not available on wedge worksurfaces. 34S edge is standard in Natural Red Oak.

Fixed Base Worksurfaces

Worksurfaces for the fixed base tables have a solid 45 lb/ft³ particleboard core construction. PowerUp modules, Villa power modules 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. The grommet is 6³/₄" x 3³/₈", made of ABS with a flip-up receding door. The grommet is identical in size to the PowerUp and Villa power modules to allow for retrofitting at a later date.

Wedge Worksurfaces

Wedge worksurfaces have a solid particleboard core construction. PowerUp modules, Villa power modules or grommet locations are not available. The wedge is supported between two tables by four 1¹/₂" x 3³/₈" 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.

Fixed Leg Assembly

The fixed leg assembly is made up of a 24" or 30" deep foot, leg upright with access door. 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 5¹/₁₆" diameter by 7⁷/₈" long threaded studs. The leg contains a 1" x 2¹/₂" 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 a nylon snap. The cantilever attaches the leg assembly to the worksurface via raised bosses that provide 3³/₄" 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" and 32" (ADA height). The leg assemblies are held together by two 1¹/₄" diameter draw bolts that clamp the assembly together. Fixed leg tables ship KD.

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.

Electrical

The DataLink Table provides 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.



TECHNICAL SPECIFICATIONS (cont.)

Data

The DataLink Table provides 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 four 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.

PowerUp® Module with 3-Prong Plug

DataLink Tables are available with one or two surface-mounted PowerUp modules. The PowerUp module is a UL listed, relocatable power tap, which is a surface mounted power module with a plastic cover. When open, two simplex power receptacles and two data jack openings are exposed. The module is 3¹/₄" wide by 7" long and 2¹/₄" tall when opened and fits securely into a 6¹/₄" x 3" cutout, still allowing removal without tools. The module is constructed of polycarbonate with a textured finish, meeting UL 94 V-0 Flame Class minimum requirements. The module has two receptacles, rated at 15 Amps/125 Volts and two locations for data connectors. Snap-in data plates hold data connectors and allow the standard module to accommodate most manufacturers. The data connectors are not supplied with the module and are purchased by the customer. The module has a dampened spring-loaded mechanism to allow the unit to open for use and close when not in use. The power receptacles open above the plane of the tabletop to avoid accidental spills into the receptacle. Data jacks remain stationary to avoid excess wear and tear on the wire connections and promote transmission of data communication. Data ports are molded to accept RJ45 jacks, but can be modified to accept various brands of jacks. The module comes standard with a 22" or 108" cord and 3-prong plug.

Villa™ Power Module with 3-Prong Plug

The Villa power module is an Intertek ETL Listed Furniture Power Distribution Unit surface module that mounts below a 6¹/₄" x 3" grommet cutout in the tabletop. The module is 3¹/₂" wide by 6³/₄" long and 2" tall when opened. The module comes standard with either a 36" or 108" cord and 3-prong plug, rated 120VAC, 15A. When open, two power receptacles, two USB charging ports and one data jack opening are exposed. The module can be modified to fit various brand jacks. Data connectors are not supplied with the module and are purchased by the customer. Metal grommet cover is included.

Activ8® Electrical

The Activ8 electrical system is a UL 962 recognized component that allows up to eight duplex power modules to be connected to one standard 15-amp power cord. Activ8 electrical system does not require modules to be connected in a certain order. The number of power modules connected is automatically limited to the maximum allowed under UL standard 962. If too many modules are connected, the Activ8 control box disconnects all power to the system and illuminates a red LED. Power is resumed automatically to the system once the extra power module or modules are disconnected, which is indicated by a green LED. The fuse on the power entry box can be reset as it is used to limit the number of devices on the chain. If the system receives a voltage spike, it would likely destroy the infeed box and would need to be replaced.

Activ8® Power Infeed

Series includes a standard NEMA 5-15P 15-amp plug on one end of the 108" cord and a non-sequentially keyed connector at the opposite end of the cord. Control box is located 12" from the table connection.

Built-in diagnostics LED shows system status:

- Green=power is on and system is working properly.
- Red=power has been stopped because too many modules are connected.
- LED off=input power is not available; check that power cord is plugged into an outlet, and that power is available to that outlet.

RPT Module for Activ8® with RPT Bracket

Includes two AC outlets per module. A connector with three ports is located at the opposite end of the 12" cord.

TECHNICAL SPECIFICATIONS (cont.)

PowerUp® Module for Activ8®

The PowerUp module for Activ8 is a surface mounted power module with a plastic cover. The module is 3¹/₄" wide by 7" long and 2¹/₄" tall when opened. The module has a dampened spring-loaded mechanism to allow the unit to open for use and close when not in use. When open, two simplex power receptacles and two data jack openings are exposed. A connector with three ports is located at the opposite end of the 12" cord. The module can be modified to fit various brand jacks. Data connectors are not supplied with the module and are purchased by the customer. Up to eight modules may be connected per infeed.

Villa™ Power Module for Activ8®

The Villa power module for Activ8 is a surface module that mounts below a 6¹/₄" x 3" grommet cutout in the tabletop. The module is 3¹/₂" wide by 6³/₄" long and 2" tall when opened. When open, two simplex power receptacles, two USB charging ports and one data jack opening are exposed. A connector with three ports is located at the opposite end of the 12" cord. The module can be modified to fit various brand jacks. Data connectors are not supplied with the module and are purchased by the customer. Metal grommet cover is included. Up to eight modules may be connected per infeed.

Activ8® Jumpers

Each jumper is equipped with a connector on each of two ends that plug into any connector on a given power module. Jumpers are non-sequential and are interchangeable to the extent that the jumper length is sufficient to reach the next module. Jumpers are available in three standard lengths of 29", 53" and 77".

10-Wire Power

DataLink can also use the 10-wire electrical system in the 6-2-2 configuration. The 6-2-2 system provides 6-circuits (20 amps each); 3-convenience and 3-isolated ground circuits (sometimes referred to as a 3 + 3 configuration). The six circuits share two oversized neutral wires.

10-Wire Power Infeed

The 10-wire power infeed contains six hot conductors (12-gauge), two neutral conductors (10-gauge) and two grounds (12-gauge) providing six circuits of power to the rigid wireway. The infeed must be hard-wired to the building power source by a licensed electrician.

10-Wire New York Power Infeed

This infeed meets New York electrical code. The 10-wire power infeed contains six hot conductors (12-gauge), two neutral conductors (10-gauge) and two grounds (12-gauge) providing six circuits of power to the rigid wireway. The infeed must be hard-wired to the building power source by a licensed electrician.

10-Wire Rigid Wireway

The 10-wire rigid wireway is mounted inside the wire trough assembly. Up to two duplex receptacles can be connected to each rigid wireway. The rigid wireway has identical connector blocks at either end for connection with the 10-wire power infeed, 10-wire jumpers or 10-wire quad-block.

10-Wire Receptacles

Receptacles are available for accessing the 10-wire/6-circuit electrical system. Circuits 1, 2, and 3 are convenience circuits and are black in color. Circuits 4, 5, and 6 are isolated ground circuits and are black in color and identified with an orange triangle.

10-Wire Table-to-Table/Wedge Jumpers

10-wire wedge jumpers contain the same wiring configuration as the 10-wire power infeed and 10-wire rigid wireway. A jumper passes power from the rigid wireway in one table to the rigid wireway in an adjacent table. The wedge jumper is longer than the table-to-table jumper so that it can span across the wedge.

10-Wire Quad-Block

The 10-wire Quad-Block (along with included jumper) enables the 10-wire power infeed from the building to be routed in two directions. The units four female openings accept the male end of the power infeed and the male plug ends of two table-to-table jumpers which transfer power to the adjoining tables.

TECHNICAL SPECIFICATIONS (cont.)

Powerstrip

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

Hardwired

The hardwired version of the DataLink Table consists 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.

Compliance

DataLink Training Table is a UL Listed Office Furnishing per standard UL 1286 and Powered Table System per standard UL 962.