

# BRETFORD BASICS™

## CONNECTIONS POWER BAR

The Connections PowerBar™ Raceway provides the ultimate solution for access and organization of power and data cables. Whether your Connections table is brand new or already installed, PowerBar easily mounts to the back of any rectangular Connections work center. Constructed of steel and finished in grey powder paint.



Made In The USA



### FEATURES

- Compatible with most Connections Work Center and Connections XTC Work Center tables.
- Top-down wire management ensures easy wiring installation and access.
- A variety of size options gives you an integrated look throughout.
- Separate wire raceways for power and data helps reduce electromagnetic interference.
- Secured raceway cover safely conceals and protects cords and wires.
- Three fully integrated power options allow for easy reconfiguring.
- Flush mounting to back of work surface maximizes work space and extends 6" off the back of the table.
- Totally enclosed power and data ensures safety and deters cable crosstalk.
- Optional wire chase brings power and data from floor to table.
- Steel construction features an average 30% post-consumer recycled content and is finished in a durable and environmentally friendly Grey Mist powder paint. Also available by special order in any powder paint finished offered by Bretford.
- Complies with the GREENGUARD Environmental Institute's GREENGUARD Children & Schools Indoor Air Quality standards, contributing to points toward Leadership in Energy and Environmental Design (LEED) Certification.
- PowerBar retrofits to 42", 48", 60" and 72" wide Work Centers and 42", 48" and 72" wide XTC Work Centers to integrate with new and existing installations.
- Made in the USA.



## DIMENSIONS

Overall: 6"d x 4-1/2"H

35PBR24-GM	24"w
35PBR42-GM	42"w
35PBR48-GM	48"w
35PBR60-GM	60"w
35PBR72-GM	72"w

## STANDARD COLOR & FINISH

Grey Mist (-GM) powder paint

## WEIGHT AND FREIGHT CLASS

35PBR24-GM:	10 pounds, Freight class 70 UPS
35PBR42-GM:	15 pounds, Freight class 70 UPS
35PBR48-GM:	17 pounds, Freight class 70 UPS
35PBR60-GM:	20 pounds, Freight class 70 UPS
35PBR72-GM:	22 pounds, Freight class 70 UPS

Ships ready to assemble in one (1) carton pack

## ACCESSORIES

35PBCFPS	6-Outlet Surge Protected Power Strip
Juice	Juice Power System
35PBRCAP	PowerBar End Caps (set of 2)
35PBFD	PowerBar Wire Chase
35PBDCLP	PowerBar Data Plate (set of 2)

## UPC CODE

35PBR24-GM:	96633 17743
35PBR42-GM:	96633 17739
35PBR48-GM:	96633 17740
35PBR60-GM:	96633 17741
35PBR72-GM:	96633 17742

## SUGGESTED SPECIFICATIONS

PowerBar is constructed from 20 gauge steel and is finished in Grey Mist (-GM) powder paint. PowerBar mounts to the back of all 42", 48", 60" and 72" wide Connections Work Centers, 42", 48" and 72" wide Connections XTC Work Centers, and 24" wide Connections Table Top Bridges. PowerBar will not work on other Connections tables. A flush-mounted access door creates easy top-down access to all cables and adds 6" to the overall table depth. Holes in the back of the raceway allow cords to pass easily on to the table top. PowerBar attaches to table top using steel bolts threaded into steel inserts. When installed, the PowerBar spans the complete width of the table, hiding the power and data cables that pass between tables. The Wire Chase brings the wires from the floor to the raceway safely and securely. The Data Plate will accommodate two data jacks. End caps close the raceway at the end of a run of tables. Constructed with "prime" steel which has a 25% to 35% post-consumer recycled content and GREENGUARD INDOOR AIR QUALITY CERTIFIED® for Children and Schools.

## MADE IN THE USA

All Connections series tables are made at one of Bretford's Chicago area manufacturing facilities using union labor.

## POWERBAR ELECTRICAL CAPABILITIES

**Hardwire System**—8-wire, 4-circuit system with disconnect allows easy table-to-table linking of electrical system. The ultimate solution for large runs of tables with power use that requires multiple circuits. Hardwired systems require the installation from a qualified electrician and are subject to local electrical building codes. Standard hardwire components listed below, additional components available.

- 35PBPH42** - Power Harness for 42" raceway (use 2 duplex)
- 35PBPH48** - Power Harness for 48" raceway (use 2 duplex)
- 35PBPH60** - Power Harness for 60" raceway (use 2 duplex)
- 35PBPH72** - Power Harness for 72" raceway (use 2 duplex)
- JPCPT30** - Jumper Cable connects one table to the next
- JHDES** - Power In Feed connects to the building power supply
- DUPLC11** - Duplex, 2-outlet plate, circuit 1
- DUPLC22** - Duplex, 2-outlet plate, circuit 2
- DUPLC33** - Duplex, 2-outlet plate, circuit 3
- DUPLC44** - Duplex, 2-outlet plate, circuit 4

**Softwire**—6-outlet surge protected power strip with on/off switch and a 20' grounded power cord and PowerBar mounting bracket. An excellent solution for a small group of tables when data is still needed and hardwired power is overkill.

- 35PBCFPS** - 6-outlet power strip with 20' cord

**Juice Power System**—Allows up to four tables to daisy chain like with hardwire but without the expense of electricians or building modifications. Standard Juice components listed below, additional components available.

- DPCF4** - 4-outlet power strip, Juice Power System
- 35PBDPB** - Mounting bracket for 4-outlet power strip
- DPPI20** - Power in-feed, Juice Power System
- DPCF4** - 4-outlet power strip, Juice Power System
- DPJ42** - 42" jumper cable for 42" to 42" table, Juice Power System
- DPJ54** - 54" jumper cable for 48" to 48" table, Juice Power System
- DPJ62** - 62" jumper cable for 60" to 60" table, Juice Power System
- DPJ74** - 74" jumper cable for 72" to 72" table, Juice Power System

## POWERBAR COMMUNICATION CAPABILITIES

Each PowerBar features one channel for data cables and one for power cables. This isolation will help eliminate any electromagnetic interference between power and data cables. The separation of power and data cables serves three important functions:

- 1) PowerBar reduces the chances of electromagnetic interference
- 2) PowerBar provides easy wire installation, access and maintenance
- 3) PowerBar meets category 5 performance requirements.



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