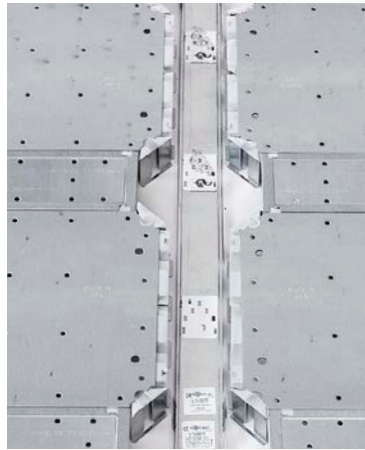
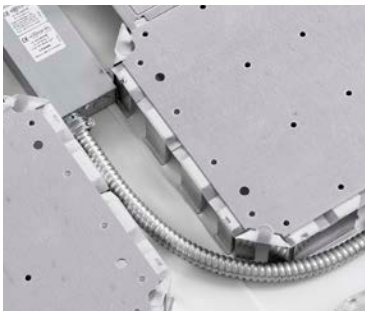




1 The GriddPower Feed Module is hard wired to the building's electrical system supplying 3 phase, 50 amp power to the tracks.



2 GriddPower Bus Tracks with 3 Phase, 50 Amp modular bus bar system with tap offs for power every 12 inches.



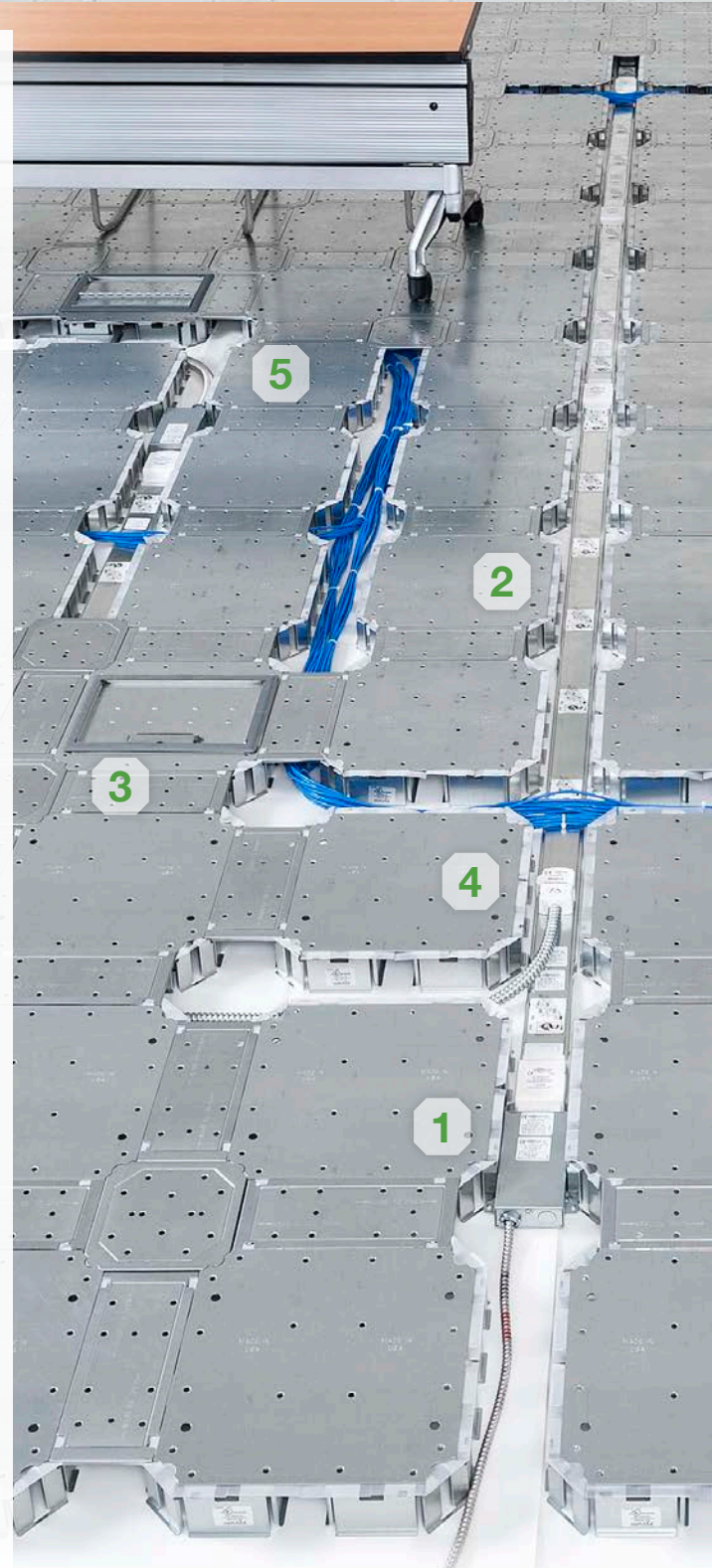
3 GriddPower Interlink allows tracks to easily make directional changes.



4 GriddPower Connect Floor Box can be configured to the customer's electrical and data specifications with integrated circuit protection.



5 FreeAxez Power Whips are snap on power whips configured to the customer's electrical requirements.

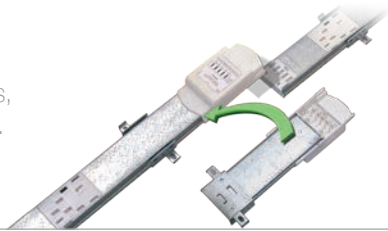


The **Gridd Power Bus System** allows you to quickly install and distribute your energy needs without traditional hardwiring methods. With preconfigured components, installation and reconfiguration can be moved along the track within seconds. It's that easy. Just one track can deliver up to 15 kilowatts of power, current-monitored with real-time data, at an efficiency rate that copper wire can't match. Our bus bars experience less voltage drop and use 30% less copper than traditional wiring, all within a system that is completely recyclable, movable and reusable.

Power Bus System

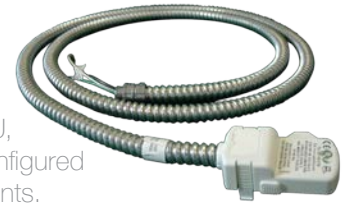
Power Bus Track

Available in 4 and 8 foot sections, 50 Amp, with 4 or 8 receptacles.



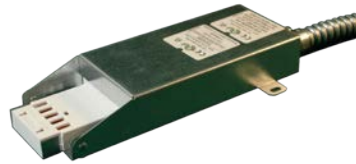
Power Whip

Delivers power from the track to the floor box, PDU, rack or enclosure. Pre-configured to the electrical requirements.



Feed Module

Delivers power from the building or power supply to the Power Bus Track to instantly energize the electrical plan.



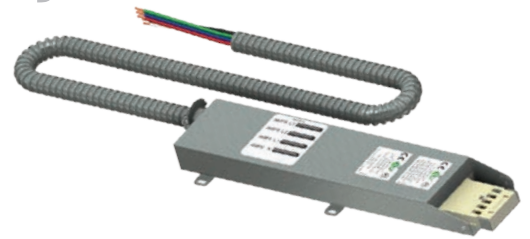
Interlink

Allows for directional changes in the Gridd Adaptive Cabling Distribution System.

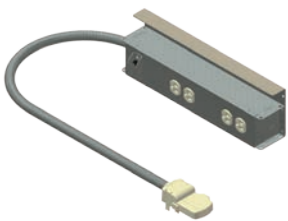


Current Monitoring System

Current monitoring system gives real time data on current loads in either a digital or a color bar display. This current transformer technology allows for circuit telemetry without directly connecting to the feeder circuit.



Accessories



Under Desk Power Module



Horizontal Rack Mount



Recessed Data Center Floor Power Reception Point



Trading Desk Module

PowerBoxes



FreeAxez can supply customer specified floor boxes to interface with the **Gridd Power** system.

GriddTM POWER Technical Data

Electrical Characteristics

Rated Current	50 Amps
Rated Voltage	120/208 3ØY - 277/480 3ØY Volts
Frequency	50/60 Hz
Conditional Short Circuit Rating (Protection device)	16 KA
Conductor Resistance Line & Neutral	1.0 mΩ/ft
Conductor Impedance	1.5 mΩ/ft
Volt Drops Line & Neutral	
Snake Bus®	1.0 mV/A/ft
Feed Unit + Coupler	2.2 mV/A
Tap-Off	0.73 mV/A
12 AWG	4.4 mV/A/ft
Coupler	1.5 mV/A
Interlink	4.5 mV/A
8 AWG	1.71 mV/A/ft

Mechanical Data

Number of Copper conductors	2, 3 or 5
Conduit Cross-sectional Area	
Nominal	3.3 AWG
Gridd Power Bus® Casing Copper Equivalent (Where casing is Ground)	3.3 AWG
Cable Termination Capacity	4 AWG
Tap-Off Cable 20 Amp	12 AWG
Tap-Off Conduit Sizes	1/2" UL1
Flexible Interlink Cable 50 Amp	8 AWG
Flexible Interlink Conduit	3/4" UL1
Feed Conduit Entry	2" x 1"
IP Rating	40
Minimum void depth (track + tap-off)	2 3/16"

Material Specification

Gridd Power Bus® Casing	Galvanized Steel
Conductors	High Conductivity Copper
Gridd Power Bus® Insulators	PBT
Sockets/ Tap-Off Plugs/ Joint Molding	Polycarbonate LSF
Shutter	PBT
Tap-Off / Interlink Flexible Conduit	Galvanized Steel UL1
Tap-Off Cable	ULI063 Type MTW or THHN
Tap-Off / Coupler Blade	Brass Silver Plated
Feed Unit Case	Galvanized Steel
Flexible Interlink Cable	ULI028 Type TEW or THHN
Feed / Flexible Interlink Housing	Galvanized Steel

Gridd POWER



Gridd Power not only facilitates easy power management, it also clears away visual clutter and noise, allowing you to open up your floor plans and let your most ambitious designs shine. Our low profile access floor systems have been installed in:

- Commercial Offices
- Classrooms
- Training Rooms
- Conference Rooms
- Libraries
- Courtrooms
- Universities
- Call Centers
- 911/Emergency Operations
- Surveillance/Security
- K-12 Schools
- Computer Labs
- Broadcast/Production Studios
- Control Rooms
- Museums
- Financial Buildings
- Computer/Server Rooms
- Warehouse Conversions
- Casinos
- Retail/Electronics
- Displays/Exhibits
- Manufacturing Centers