

Fast (Green) Track to Power

Snake Bus, an innovative copper bus bar system for under access floors, positions high current capacity and circuit protection closer to individual electrical outlets than traditional wiring, resulting in substantial savings in copper, a valuable non-renewable resource.

A recent side-by-side wiring analysis performed by an independent professional engineer comparing traditional wiring under an access floor to the new Snake Bus Power Distribution System showed that using Snake Bus results in fewer long runs to the panel and can reduce copper quantity by almost 30 percent.

Multiplied throughout a facility, copper savings can be significant and rewarding for customers who are building green. Furthermore, Snake Bus is made of 75% post consumer recycled products and can be moved and reused as tenant needs change, enhancing its sustainability.

The unique Snake Bus design, developed for placement under raised floors in data centers and office environments, enables less voltage drop compared to traditional copper wiring, which can reduce energy consumption throughout a building - another green benefit.

The pioneering plug-and-play Snake Bus system consists of 4-foot and 8-foot track that can be configured up to 64 feet in length. An interlink allows for changes in direction and navigation around obstacles under raised floors. Each home run is a 6 gauge, 3-phase, 50 amp circuit. Snake whips (tap-offs) up to 25 feet long deliver power from the track to the floor box, PDU, rack or enclosure. They can be plugged into the track every 2 feet. Every floor box provides independent circuit protection with 20 amp breakers, enabling selective coordination that restricts localization of a short to the affected circuit or equipment.

The eco-friendly Snake Bus system lays out quickly and is less labor intensive to install than traditional wiring, making it a cost-efficient green wiring solution.

Written by:
William Feldman
19 Shady Lane
Chappaqua, NY 10514
914-128-6272
bill@billfeldman.com

Marketing Contact:
Molly Hays
Snake Tray
631-674-0004