

Save about \$10/ft. on Cable Support



F.A.S.T. System beats Bracket/Hardware in Time Study

How Fast is F.A.S.T.?

Wire basket cable tray is a good solution for managing cables inside raised floor spaces. For years, installers have been supporting the tray by attaching a horizontal bar (such as strut or slotted angle) to the flooring pedestals using brackets and hardware. Cooper B-Line recently introduced the new Foldable, Adjustable, Stackable, Tool-less System (F.A.S.T. System), specially designed for raised floor spaces. To determine whether the F.A.S.T. System really is “fast,” we put it to the test by conducting a time study.

Setting Up the Time Study

Our team of two installers gathered all of the parts and pieces they would need to conduct the time study, including one standard square of 2x2 floor grid (installed), wire basket, the parts and tools required for a bracket/hardware installation, and the parts required for a F.A.S.T. System installation.



Floor grid and wire basket
(used for all installations)



Bracket/Hardware Parts and Tools



To support wire basket using the F.A.S.T. System, you only need ONE part number for a single tier installation, and two part numbers for a two tier installation. The parts require no tools for assembly.

The Results: F.A.S.T. is faster!

Our F.A.S.T. System installations were completed **more than 60% faster** than a standard bracket/hardware solution! The F.A.S.T. System automatically installs to a standard height, eliminating time spent leveling the system. Since there is no hardware in the F.A.S.T. System, no tools are required, saving valuable time typically spent tightening and adjusting.

Single Tier Installation Results

We conducted three trials using each method of tray support. On average, the F.A.S.T. System installs **67% faster** than a bracket and hardware solution for a single tier application.

	Trial 1	Trial 2	Trial 3	Average Time
Bracket/Hardware	4:00	4:01	2:55	3:38
F.A.S.T. System	1:46	1:05	0:45	1:12



Single Tier Bracket/Hardware Installation

Double Tier Installation Results

We conducted three trials using each method of tray support. On average, the F.A.S.T. System installs **63% faster** than a bracket and hardware solution for a double tier application.

	Trial 1	Trial 2	Trial 3	Average Time
Bracket/Hardware	8:22	7:00	6:50	7:24
F.A.S.T. System	3:40	2:37	1:50	2:42



Double Tier F.A.S.T. Installation

The Impact: Save Time and Money

The charts below illustrate the impact that using the F.A.S.T. System could have on your next project.

Recommended Installation: Install the F.A.S.T. System with lengths of wire basket that are a full 10' long and support every 5'. Material costs will go down because you need fewer supports, and installation time will go down because there are fewer supports to install. For a typical single-tier application, **save about \$20 per floor square or about \$10/ft. of wire basket.**

	Application	Time	Material Cost per 2x2	Labor Cost per 2x2*	Total Cost per 2x2	Total Cost per 100 ft.
Bracket/Hardware	Single Tier	3:38	\$27.12	\$3.95	\$31.07	\$1,554
	Double Tier	7:24	\$69.60	\$8.45	\$78.05	\$3,903
F.A.S.T. System	Single Tier	1:12	\$11.88	\$0.52	\$12.40	\$620
	Double Tier	2:42	\$16.06	\$1.13	\$17.19	\$859

Even if you use 2' basket lengths and support with a stand every 2', the F.A.S.T. System can save you about \$5 per floor square.

	Application	Time	Material Cost per 2x2	Labor Cost per 2x2*	Total Cost per 2x2	Total Cost per 100 ft.
Bracket/Hardware	Single Tier	3:38	\$27.12	\$3.95	\$31.07	\$1,554
	Double Tier	7:24	\$69.60	\$8.45	\$78.05	\$3,903
F.A.S.T. System	Single Tier	1:12	\$25.14	\$1.31	\$26.45	\$1,323
	Double Tier	2:42	\$43.68	\$2.82	\$46.50	\$2,325

Save even more! The F.A.S.T. System can be installed before the floor grid is even in place! Your installation will be even faster with open room to work, and you won't have to wait for the flooring contractor to finish his work before you start yours.

* Labor rate assumed at \$70/hour