

Starline Plug-In Raceway vs. Traditional Surface Raceway

Surface raceway is typically used in rooms and offices where power requirements are higher than standard commercial applications. In facilities like research, science, and computer labs, fitness clubs, industrial kitchen and cafeterias, the demand for more power is high. This need dramatically increases the amount of time to install traditional wiring systems, ultimately increasing costs and time to your project.

Starline Plug-In Raceway systems are fast and simple to install—taking about 50% less time to install than similar products—ultimately resulting in significant cost and time savings.

A time and cost comparison was estimated by a third party contractor in the Midwest, for a typical lab or computer room layout (shown in the diagram below).

Job Description

Providing power to a 20' by 15' by 20' laboratory, library, or conference room.

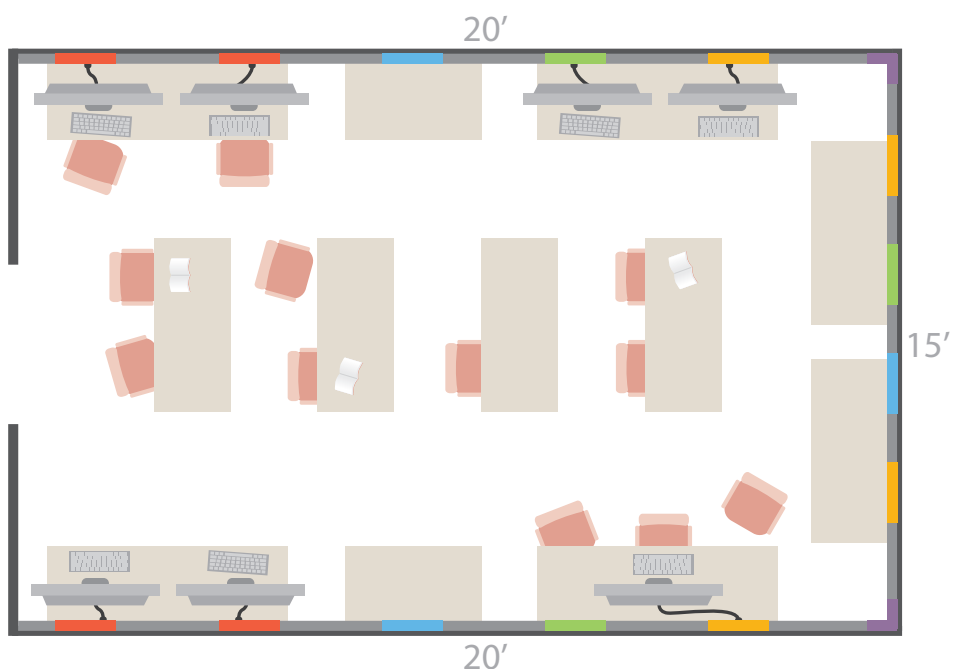
Product Comparison Description

Starline Plug-In Raceway, 60 Amp, single phase, w/20A circuit breaker, 2 channels for Power and Data

Wiremold ALA4800 Series Raceway, single phase wiring, 2 channels for Power and Data

So what if you found out that Starline Plug-In Raceway can:

- Cut your installation time by 45% or more?
- Lower your total costs by 15-20%?
- Enable you to make changes later without costly additions?



Room layout with Plug-In Raceway & various plug-in modules

Installation Legend

- 55' Length Total, Power & Data
- 2 Elbows
- 4 Duplex 520's
- 3 L530 Locking Receptacle
- 4 Quad 520's
- 3 520 Duplex w/ USB

**ISF3GY Data Ports at Each Receptacle*

Power Material and Installation Cost

Starline Method

Qty	Material Description
12	1/4X3" Toggle Bolts
25'	Straight 5', Power and Data
30'	Straight 10', Power and Data
60'	Power Cover
4	Joint Kit
2	Internal Elbow
1	End Feed
2	End Cap
55'	Data Cover
14	Data Cover
12	Wall Mount Clip

Plug-In Module Installation

4	Plug-In Module Locking 30A Receptacle Black
3	Plug-In Module Duplex Receptacle W/USB Green
3	Plug-In Module Duplex Receptacle Orange
3	Plug-In Module Double Duplex Receptacle Black

Starline Material Cost	\$ 4,942.00
Labor - 12.5 hours @ \$78/hr	\$ 975.00
Total Installed Power Cost	\$ 5,917.00

3x
Faster Starline
Installation

Traditional Method

Qty	Material Description
22	1/4X3" Toggle Bolts
10	Coupling
11	Base
2	End Cap W/KO
2	Internal Elbow
120	Cover
10	Cover Duplex Receptacle
3	Cover 1.56" Round
13	Cover Decora Receptacle
775'	Wire
42	Spring Connectors

Power Device Installation

4	Locking 30A Receptacle Black
3	Duplex Receptacle W/USB Green
3	Duplex Receptacle Orange
3	Double Duplex Receptacle Black

Traditional Material Cost	\$ 4,245.80
Labor - 36.5 hours @ \$78/hr	\$ 2,847.00
Total Installed Power Cost	\$ 7,092.80

Data Cabling Material and Installation Cost

Data Installation	Cost
Cat5E 4PR PVC Cable - 550'	\$ 73.20
Velco	\$ 24.00
42 Wire Labels - Self Laminating	\$ 4.80
42 - Cat5E Jacks w/faceplate labels	\$ 194.40
Final System Testing	\$ -

Starline Material Cost	\$ 296.40
Labor - 18 hours @ \$78/hr	\$ 1,404.00
Total Data Cost	\$ 1,700.40

Total Installation Time 30.5 Hours

17%
Total Cost
Savings with
Starline

Data Installation	Cost
Cat5E 4PR PVC Cable - 550'	\$ 73.20
Velco	\$ 24.00
42 Wire Labels - Self Laminating	\$ 4.80
42 - Cat5E Jacks w/faceplate labels	\$ 194.40
Final System Testing	\$ -

Traditional Material Cost	\$ 296.40
Labor - 19.5 hours @ \$78/hr	\$ 1,521.00
Total Data Cost	\$ 1,817.40

Total Installation Time 56 Hours

Starline Total Cost \$7,617.40

Traditional Total Cost \$8,910.20